SCHOOLS

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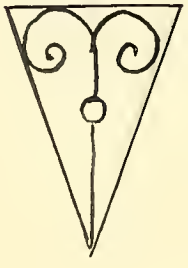

(THE) AMERICAN ARCHITECT and Architecture
NEW YORK
1911 - 1914

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THE RICE INSTITUTE, HOUSTON, TEXAS

CRAM, GOODHUE & FERGUSON, *Architects*, NEW YORK

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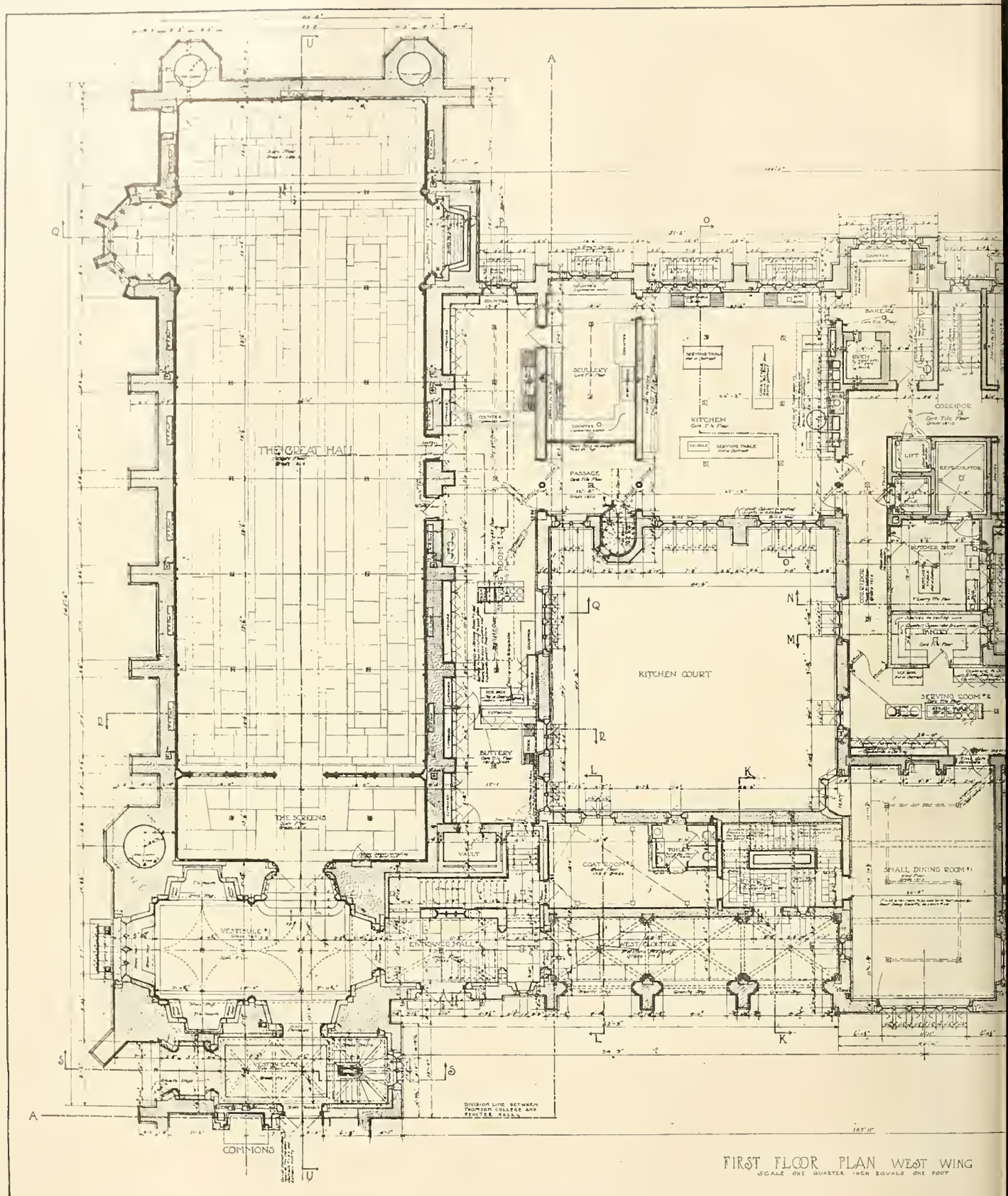
Designed by FRANCIS B. WHEATON for the Quartermaster's Department, United States Army

TWENTY-SIXTH ANNUAL EXHIBITION, ARCHITECTURAL LEAGUE OF NEW YORK.

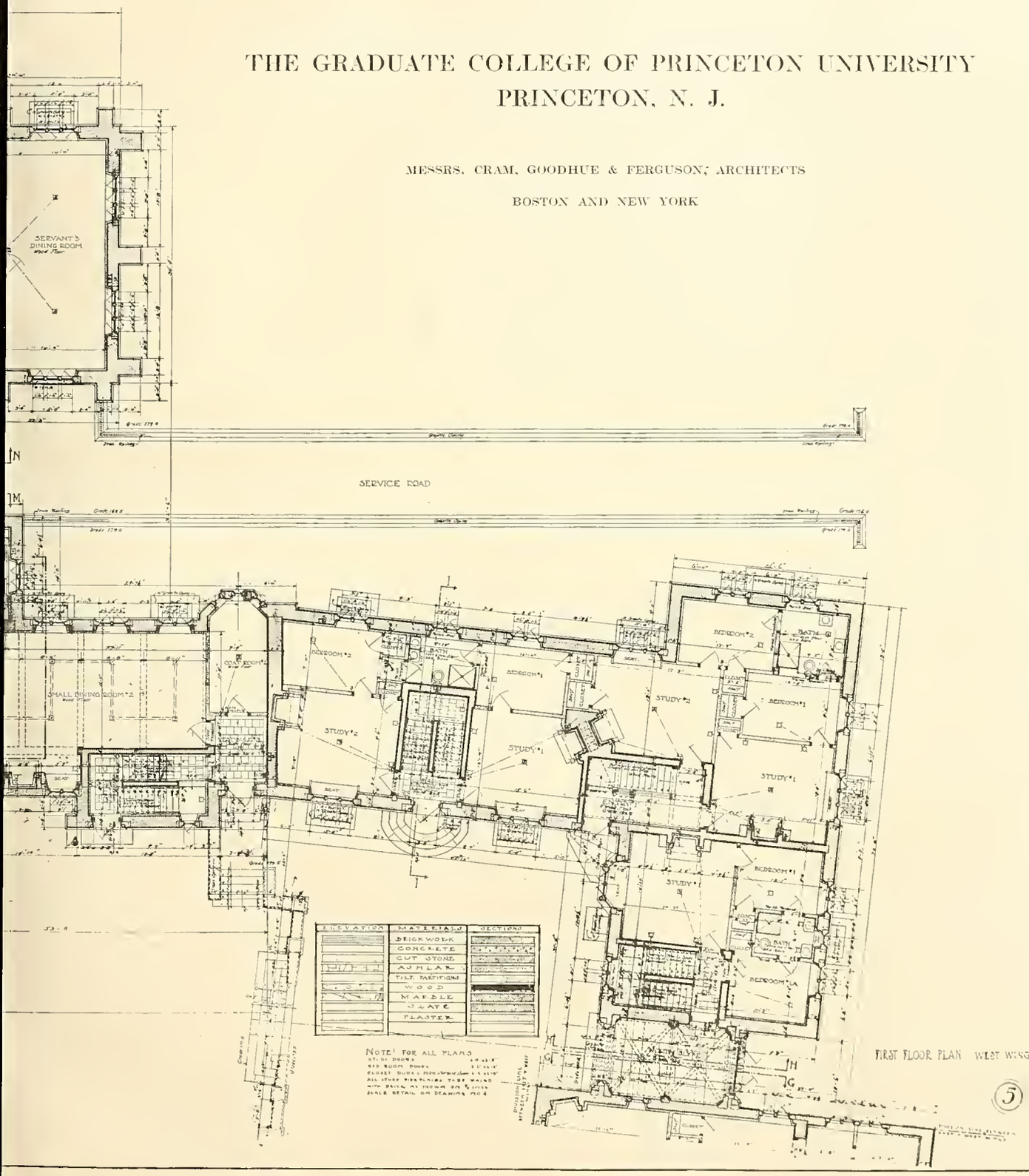


FIRST FLOOR PLAN WEST WING
SCALE ONE QUARTER INCH EQUALS ONE FOOT

THE GRADUATE COLLEGE OF PRINCETON UNIVERSITY
PRINCETON, N. J.

MESSRS. CRAM, GOODHUE & FERGUSON, ARCHITECTS

BOSTON AND NEW YORK



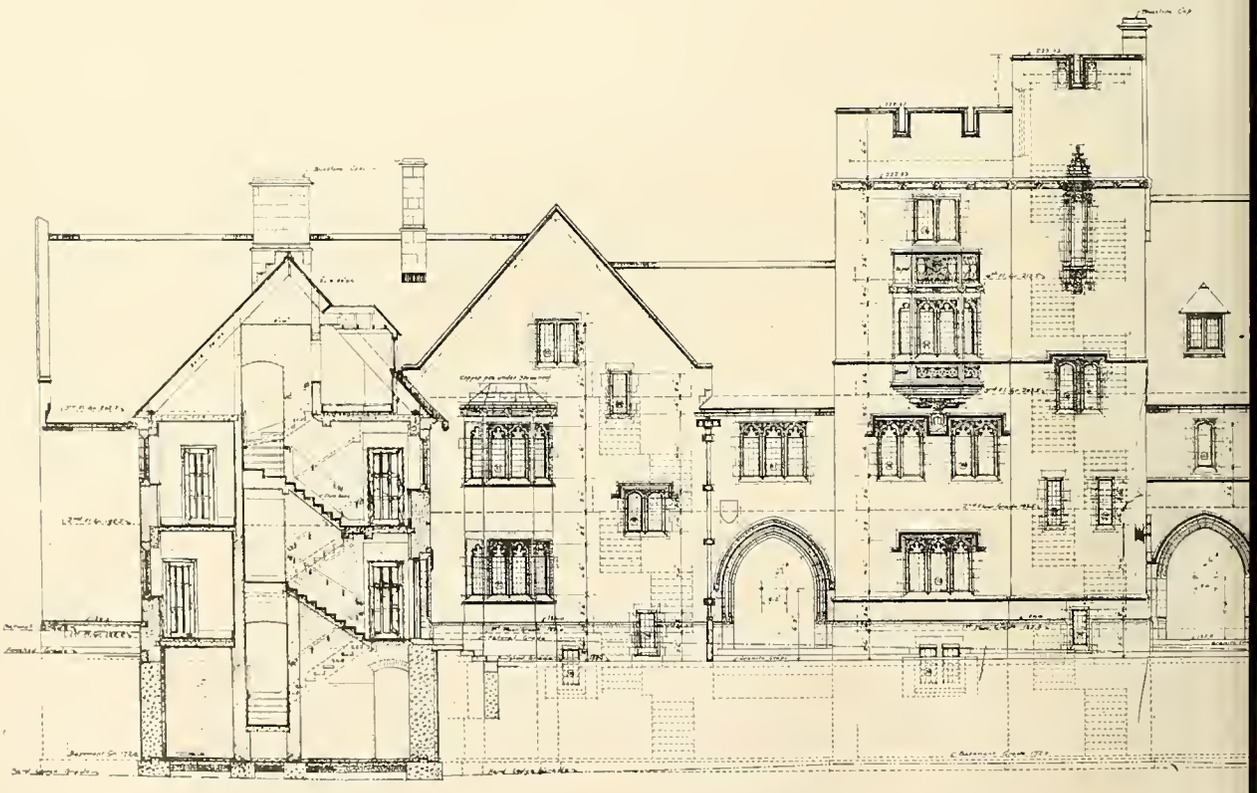
FIRST FLOOR PLAN WEST WING

5

VOL. C. NO. 1870

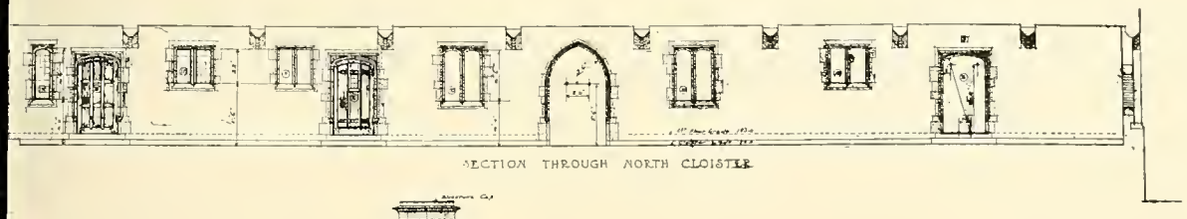
NORTH ELEVATION

SCALE ONE QUARTER INCH EQUALS ONE

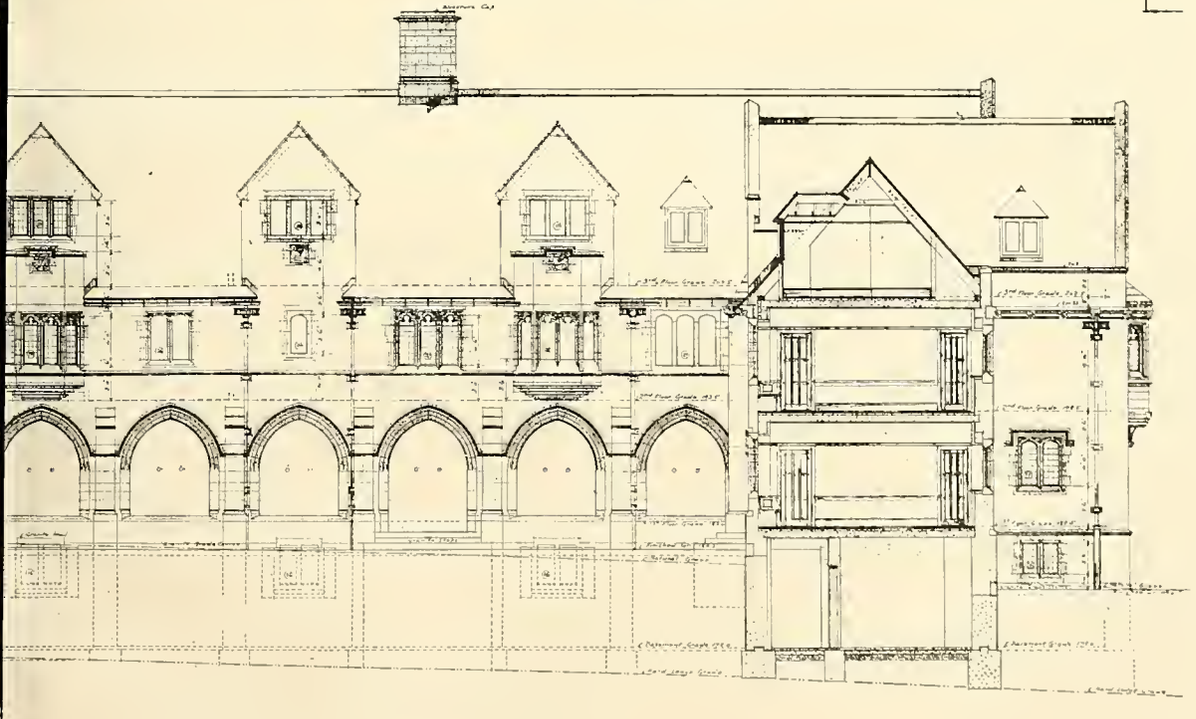


THE GRADUATE COLLEGE OF PRINC

MESSRS. CRAM, GOODHUE & FERGUSON,



SECTION THROUGH NORTH CLOISTER



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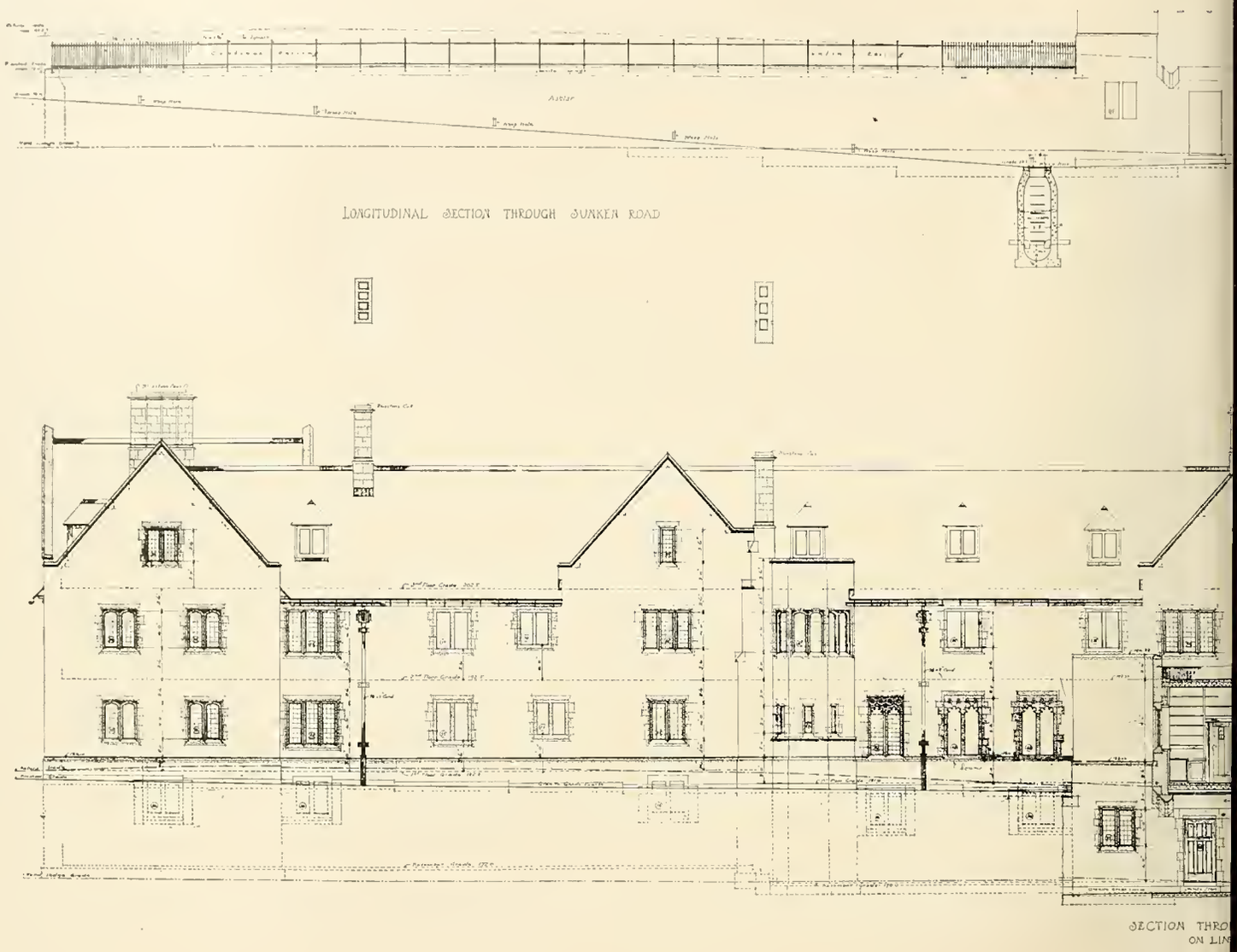
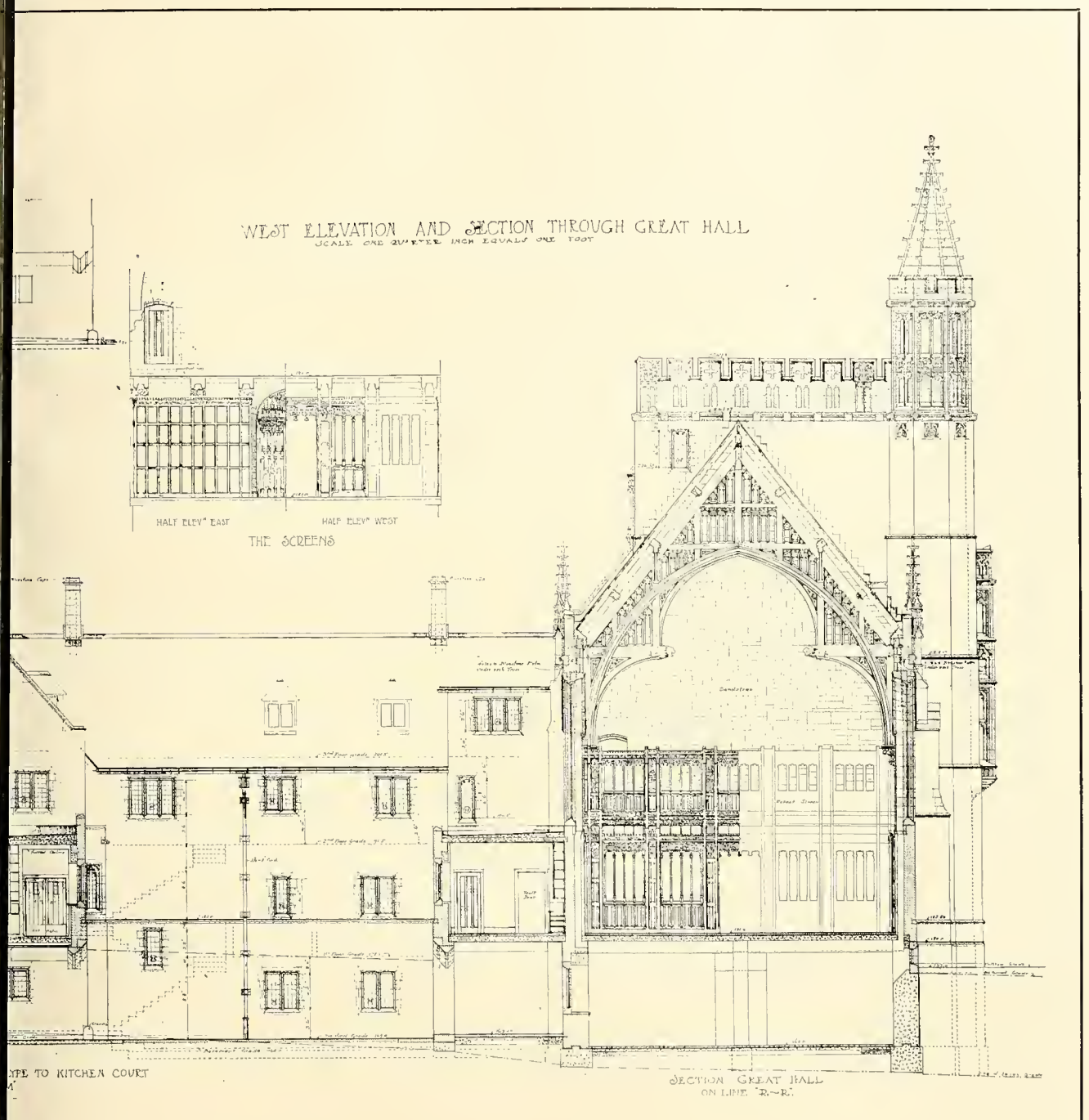
HITECTS, BOSTON AND NEW YORK



THE GRADUATE COLLEGE OF PRINCETO

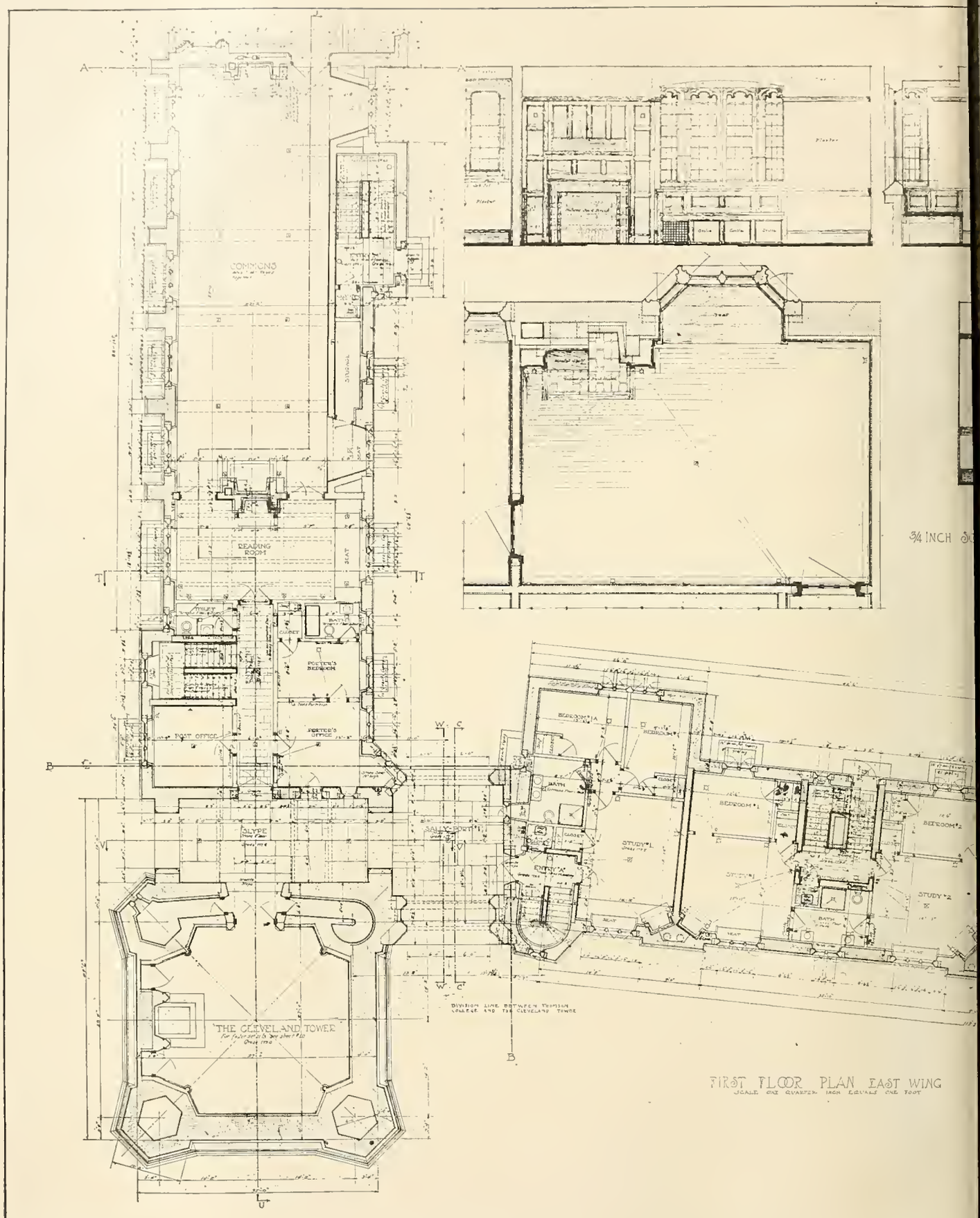
MESSRS. CRAM, GOODHUE & FERGUSON, ARC



UNIVERSITY, PRINCETON, N. J.

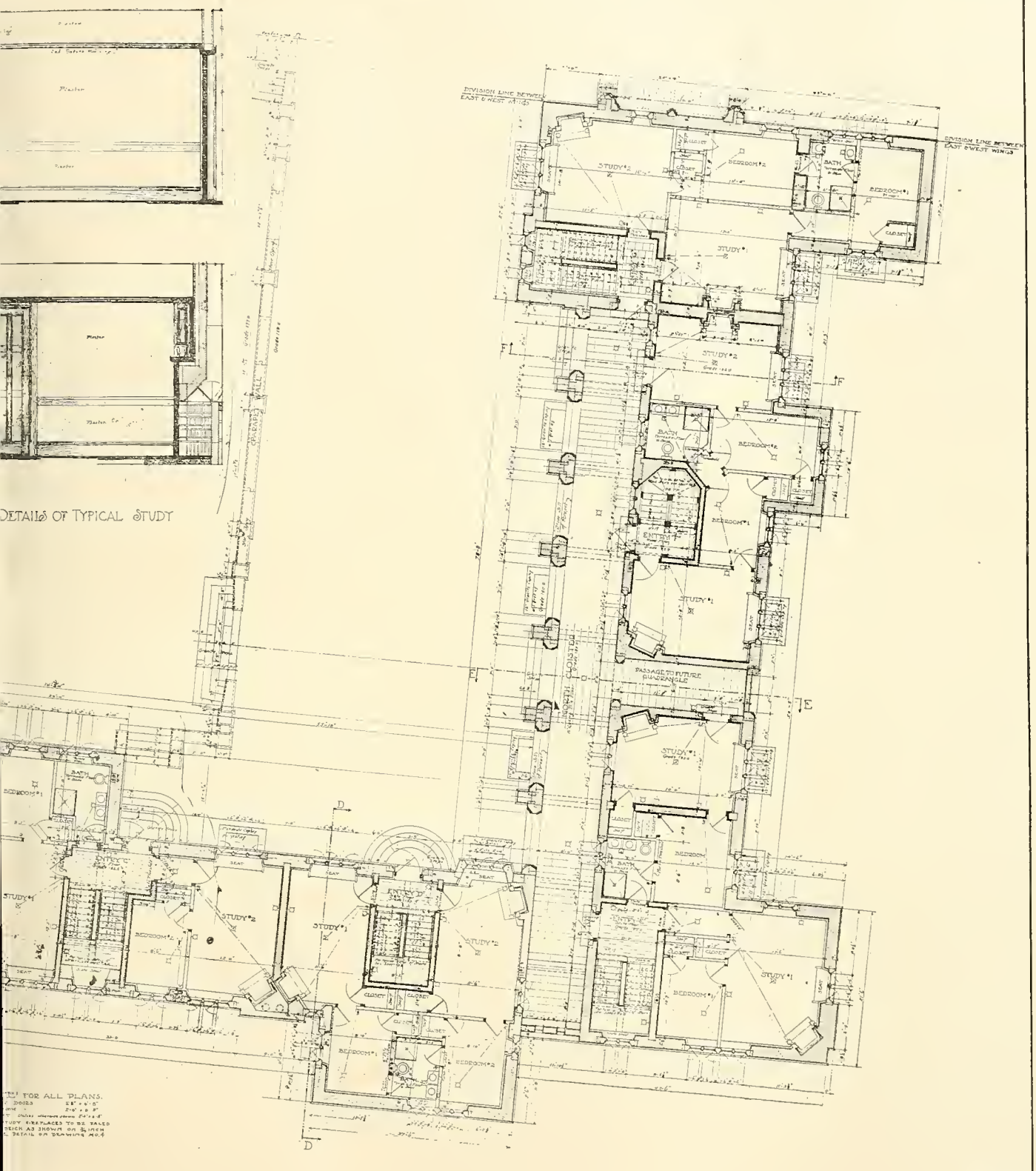
TS, BOSTON AND NEW YORK

VOL.



THE GRADUATE COLLEGE OF PRIN

MESSRS. CRAM, GOODHUE & FERGUSO



Details of Typical Study

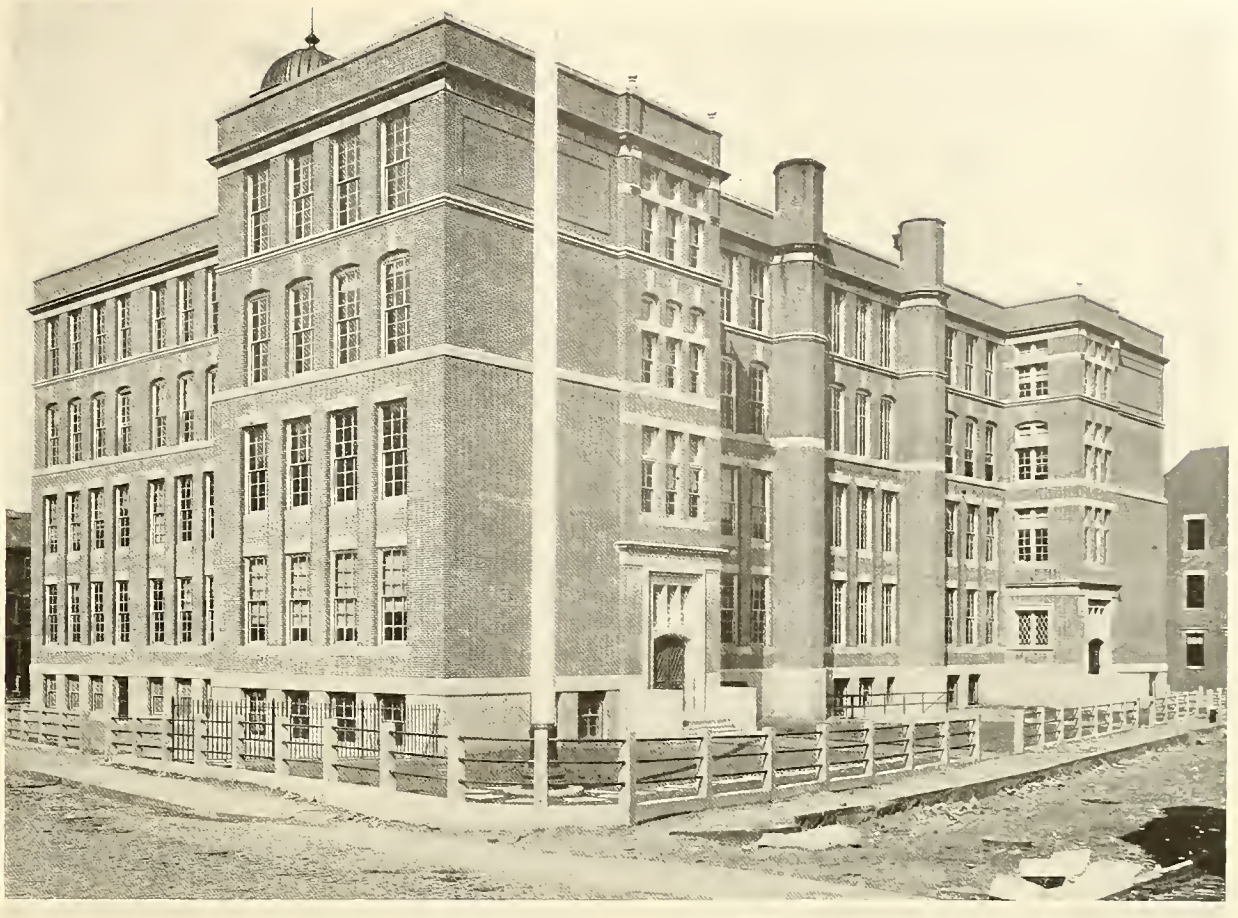
FOR ALL PLANS.

4

First Floor Plan East Wing

TON UNIVERSITY, PRINCETON, N. J.

RCHITECTS, BOSTON AND NEW YORK



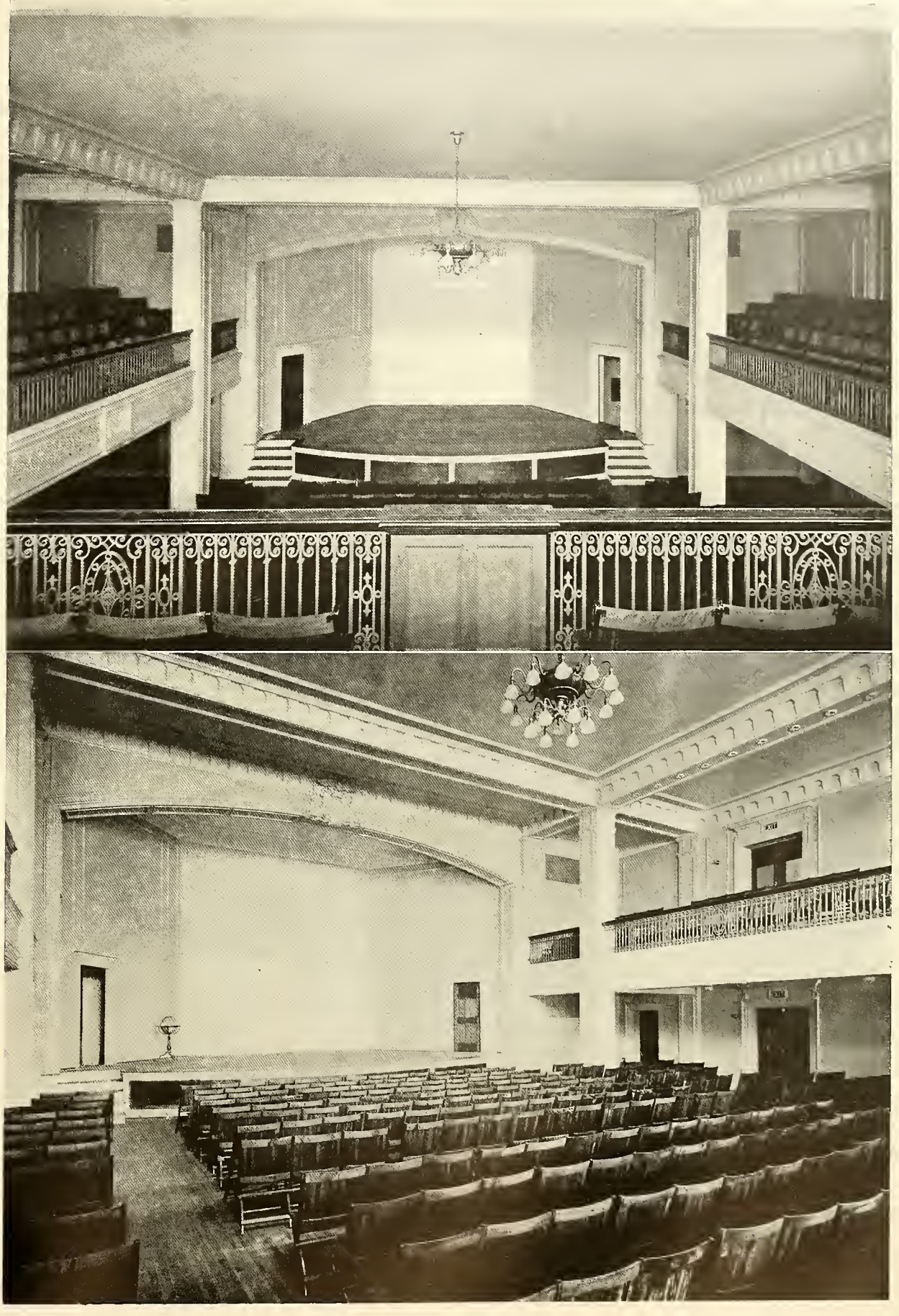
ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT

DOORWAY DETAIL

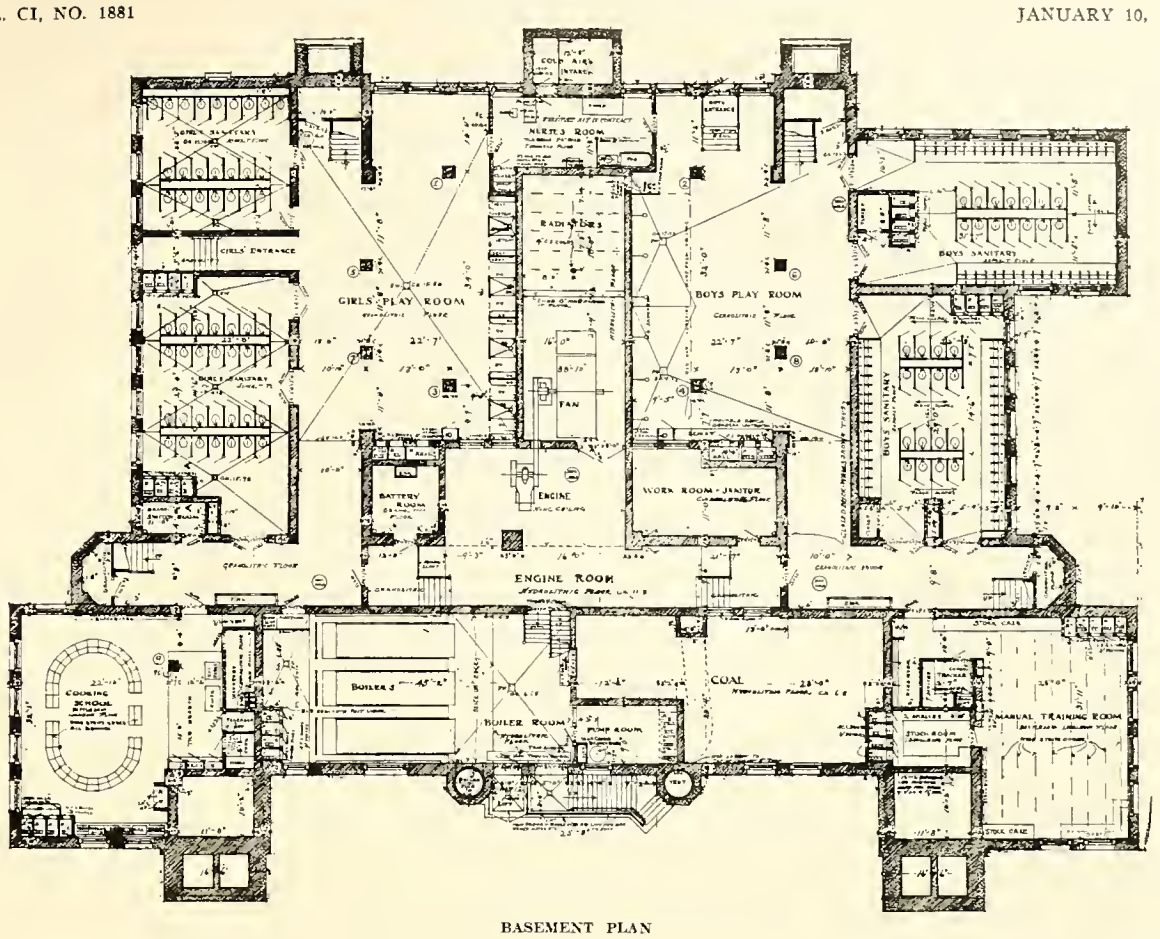
ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT

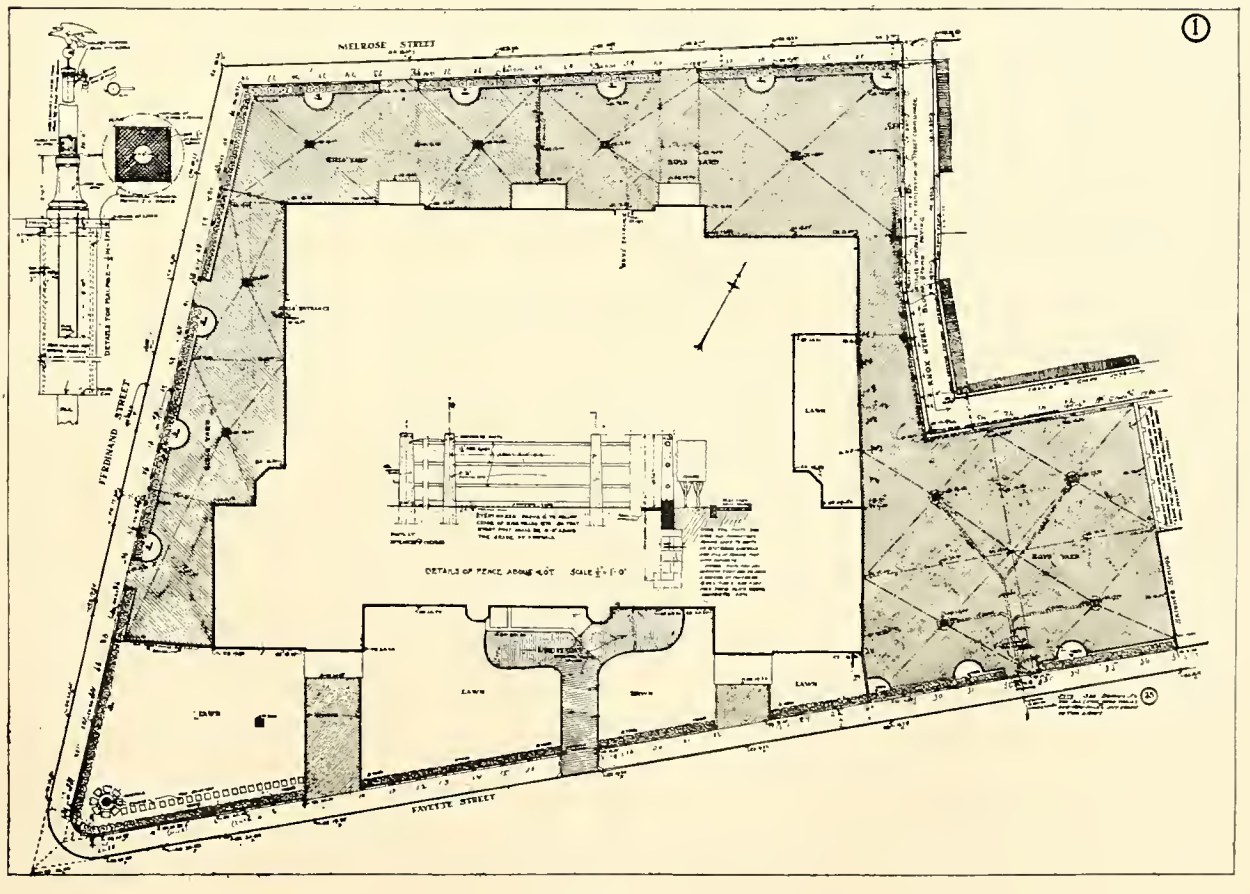


ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT



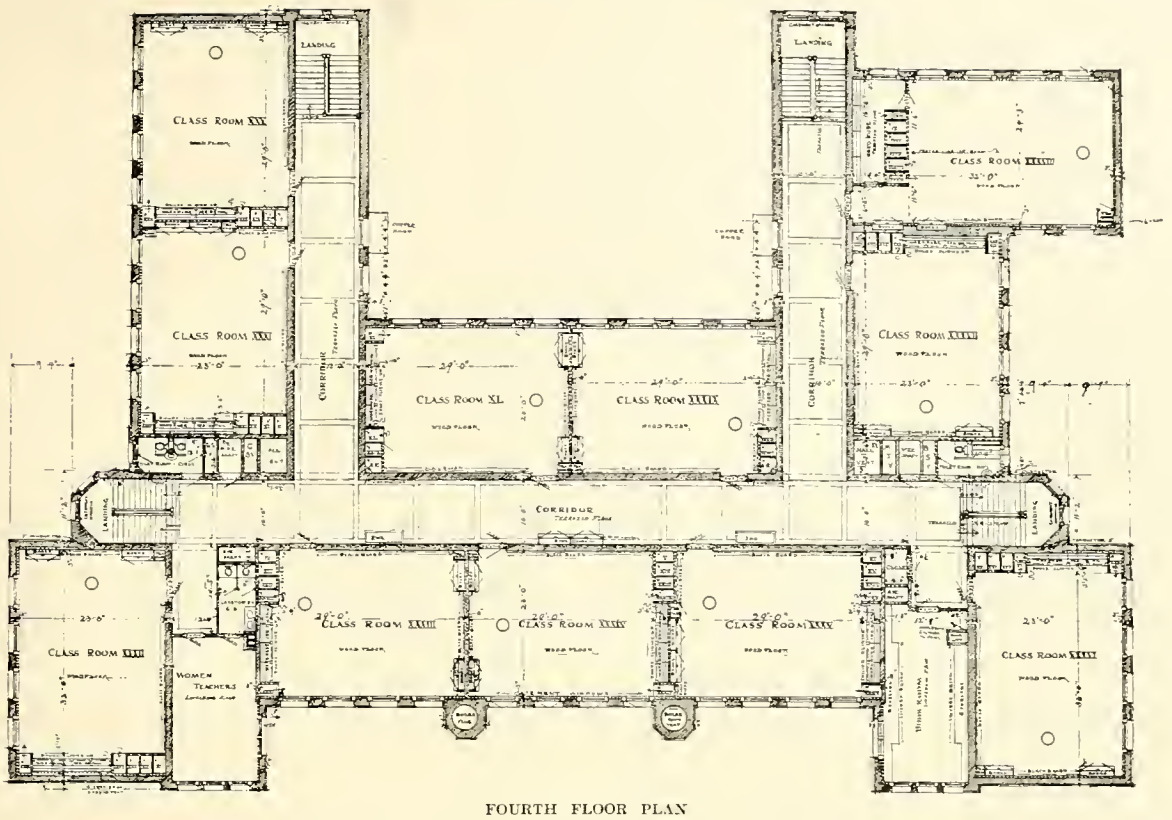
BASEMENT PLAN



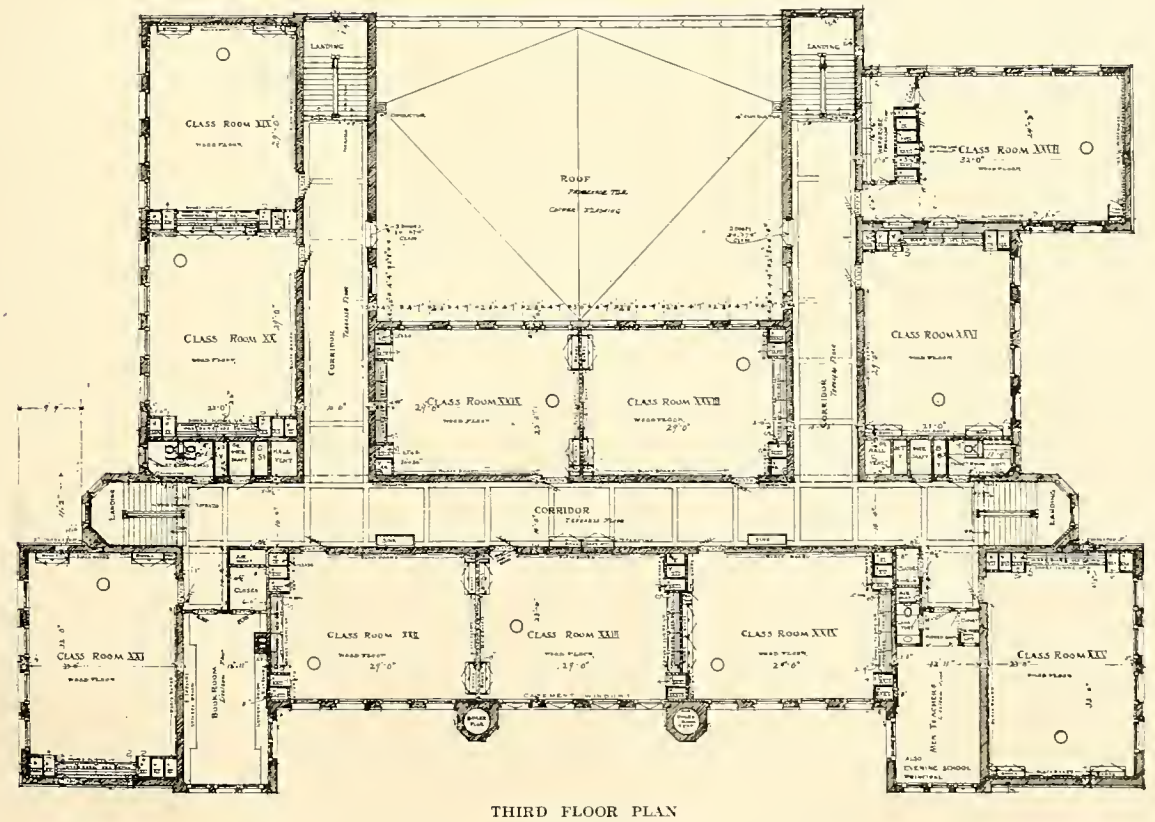
GROUND PLAN

ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT



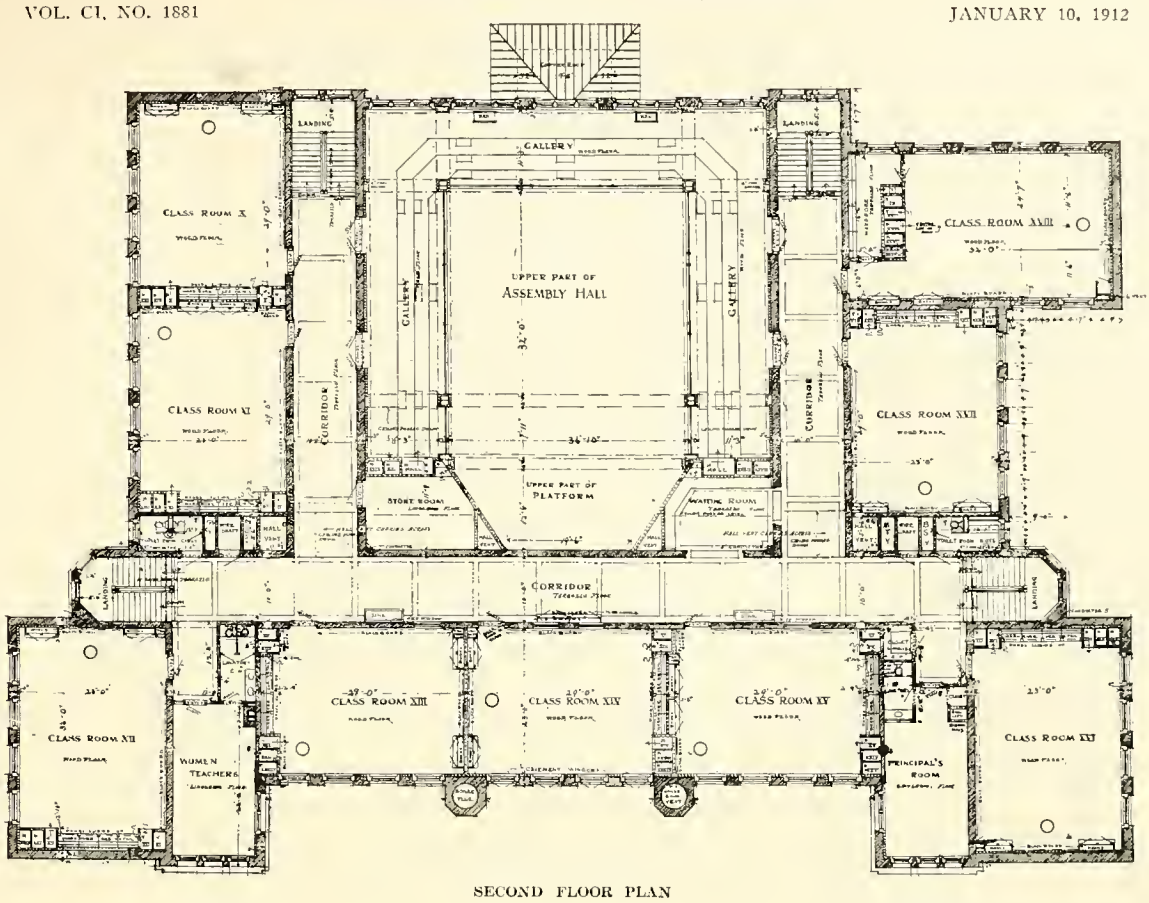
FOURTH FLOOR PLAN



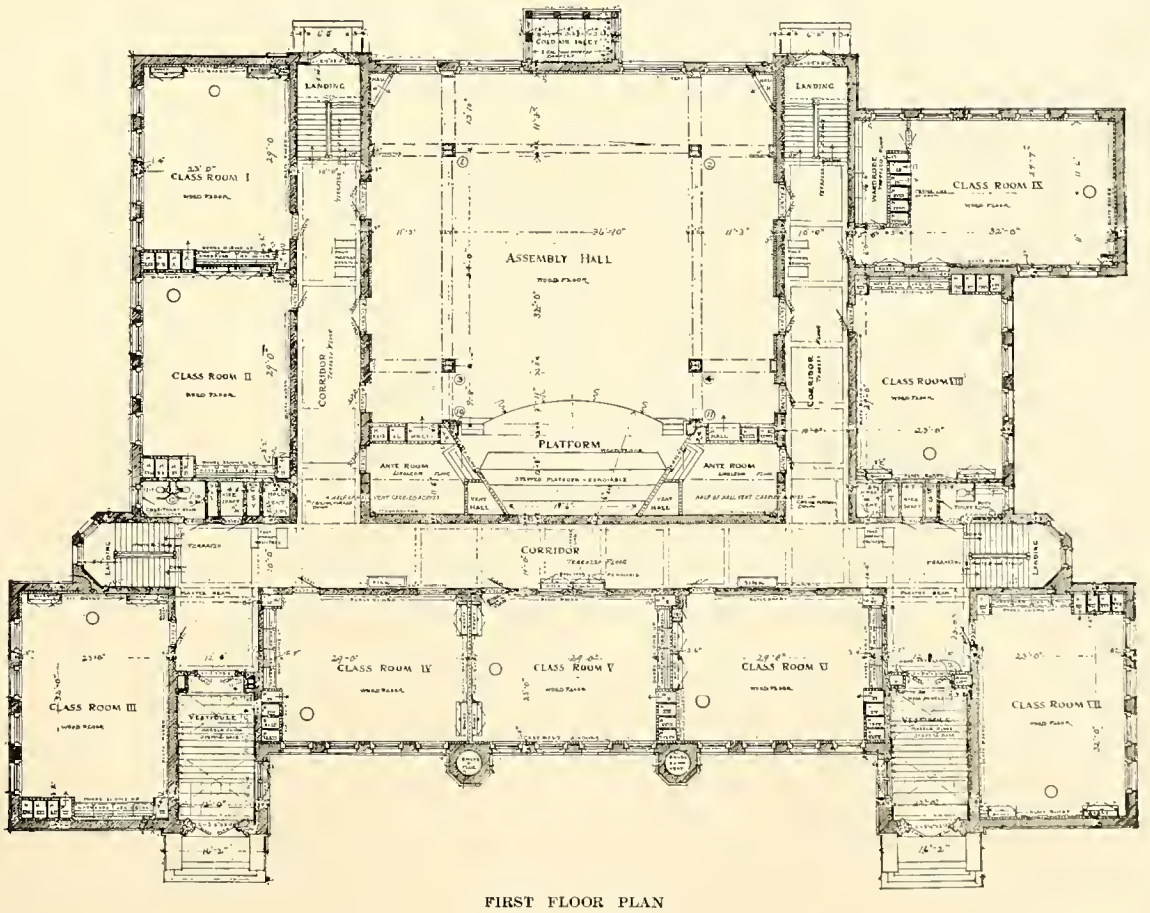
THIRD FLOOR PLAN

ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT



SECOND FLOOR PLAN



FIRST FLOOR PLAN

ABRAHAM LINCOLN SCHOOL, BOSTON, MASS.

MR. A. W. LONGFELLOW, ARCHITECT

THE WILLIAMS SCHOOL, CHELSEA, MASS.
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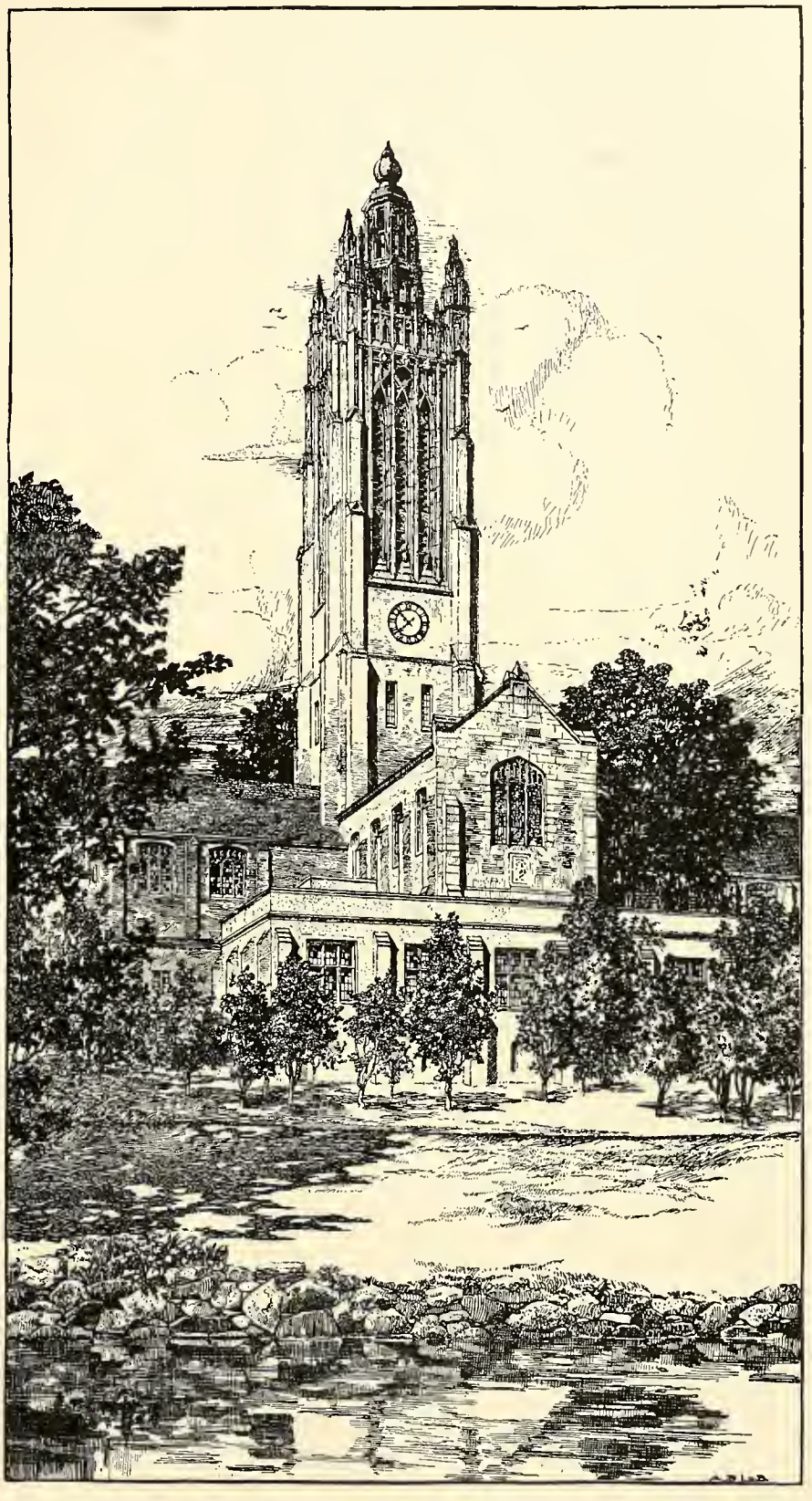
CHURCH, PAROCHIAL SCHOOL AND CONVENT, BROOKLYN, N. Y.

MR. GEORGE H. STREETON, ARCHITECT

PROVOST'S TOWER, UNIVERSITY OF PENNSYLVANIA DORMITORIES

MESSRS. COPE & STEWARDSON ARCHITECTS

EXHIBITION OF THE PHILADELPHIA CHAPTER, A.I.A., AND THE T SQUARE CLUB



SKETCH OF TOWER OF PERKINS INSTITUTE
WATERTOWN, MASS.

MR. R. CLIPSTON STURGIS, *ARCHITECT*

EXHIBITION OF BOSTON ARCHITECTURAL CLUB

THE GREAT GATEWAY, ADMINISTRATION BUILDING

DETAIL OF CLOISTER CAPITAL, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*

A DORMITORY LOGGIA

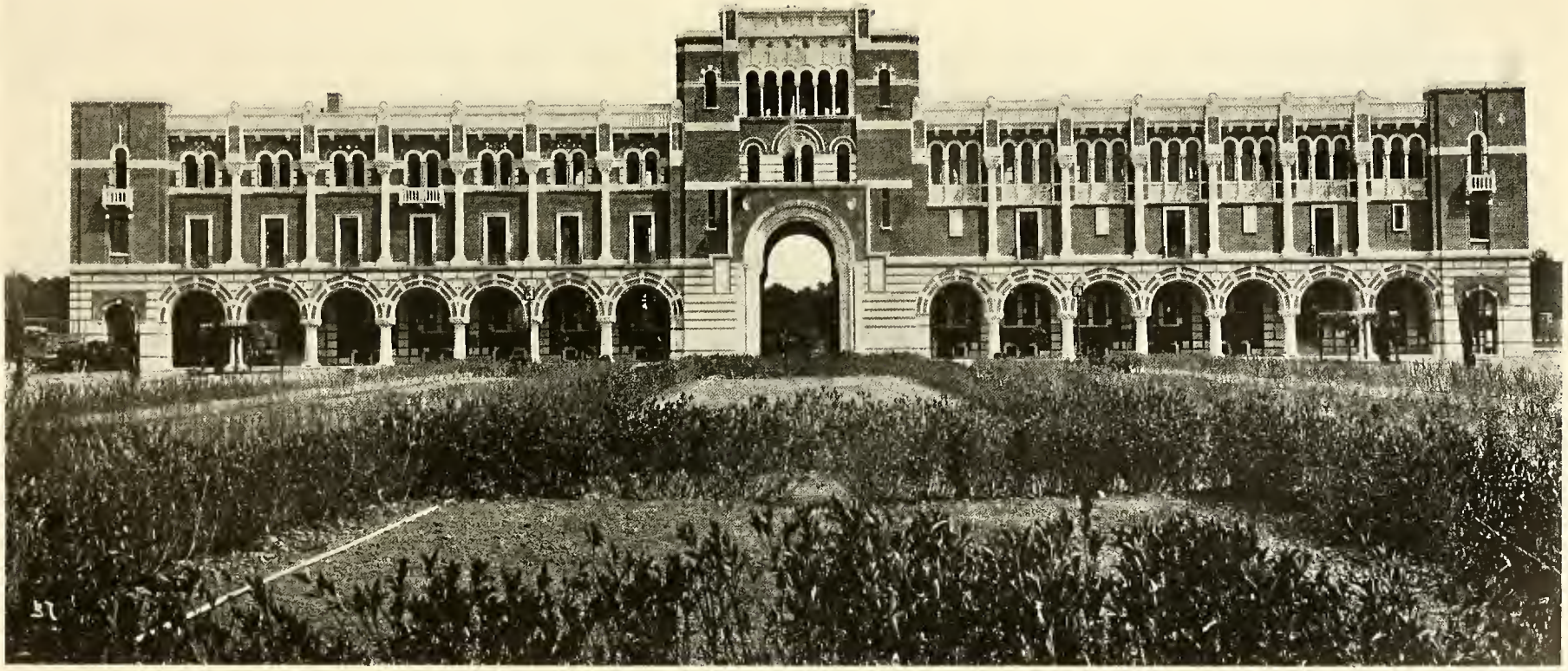
WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*

ADMINISTRATION BUILDING, FROM THE SOUTHWEST

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

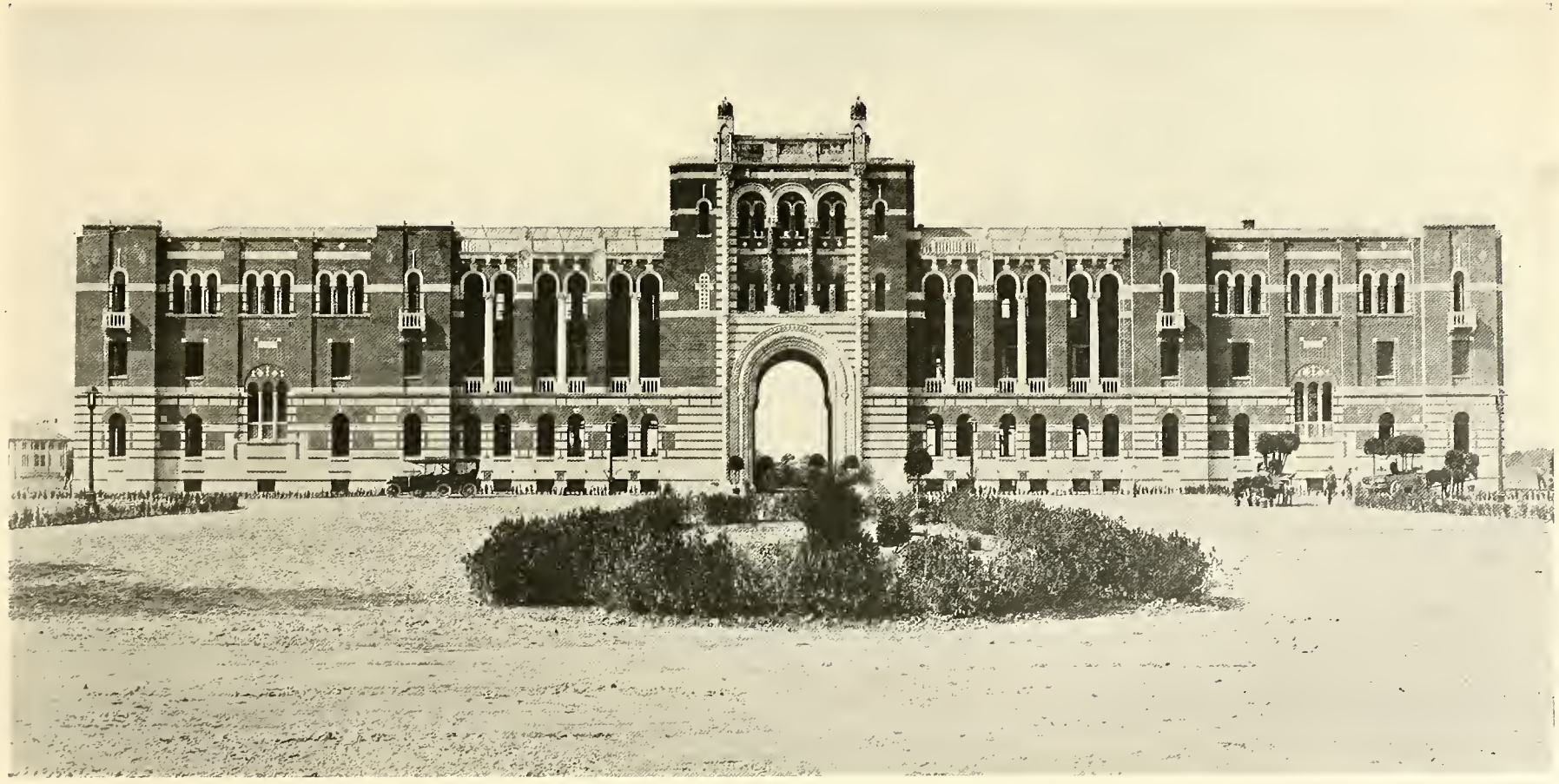
MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*



WEST FRONT, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*



EAST FRONT, ADMINISTRATION BUILDING

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EAST PAVILION, ADMINISTRATION BUILDING

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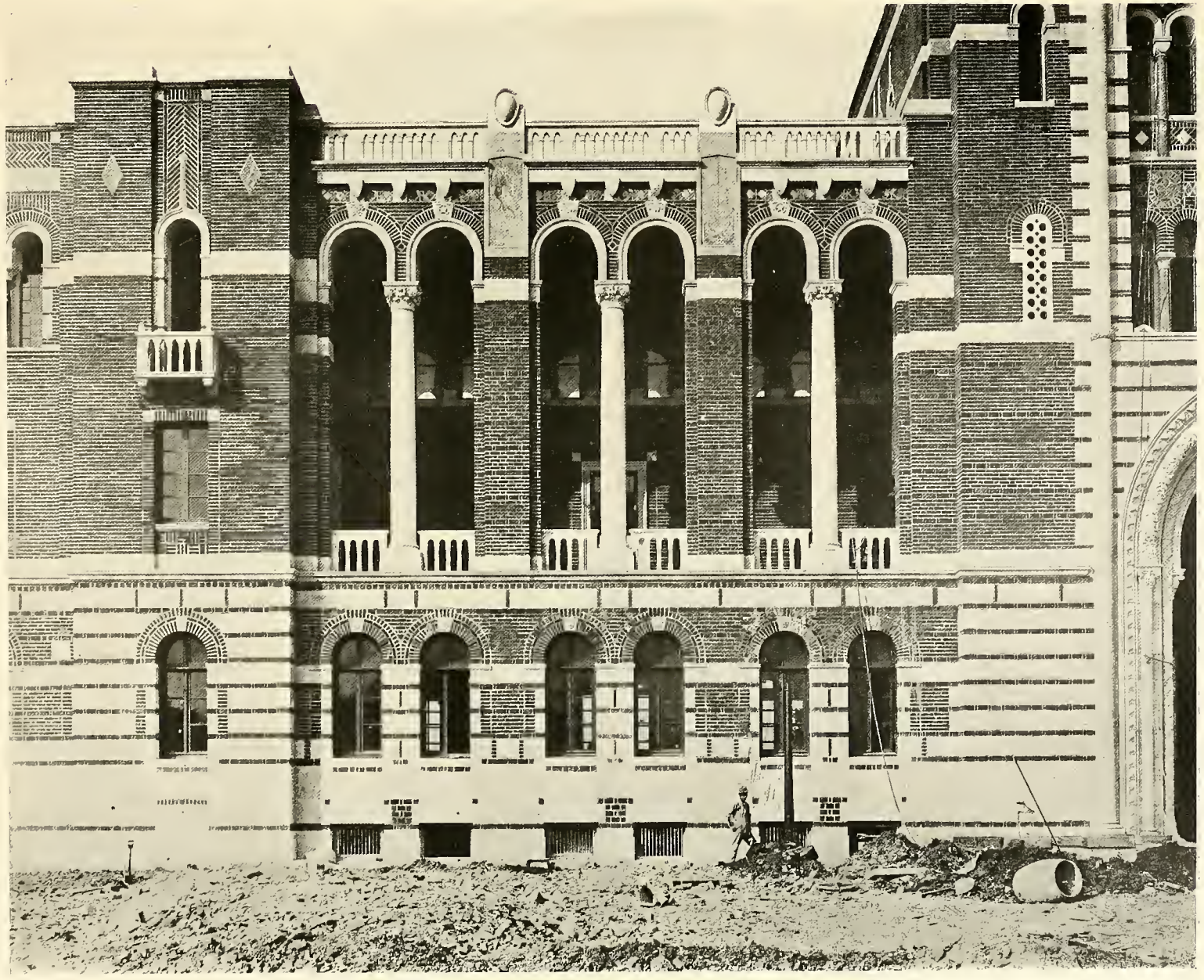
POWER HOUSE AND MECHANICAL LABORATORY

FIRST RESIDENTIAL QUADRANGLE

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*



DETAIL OF EAST FRONT, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*

ARCADE, MECHANICAL LABORATORY

NORTH CLOISTER, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

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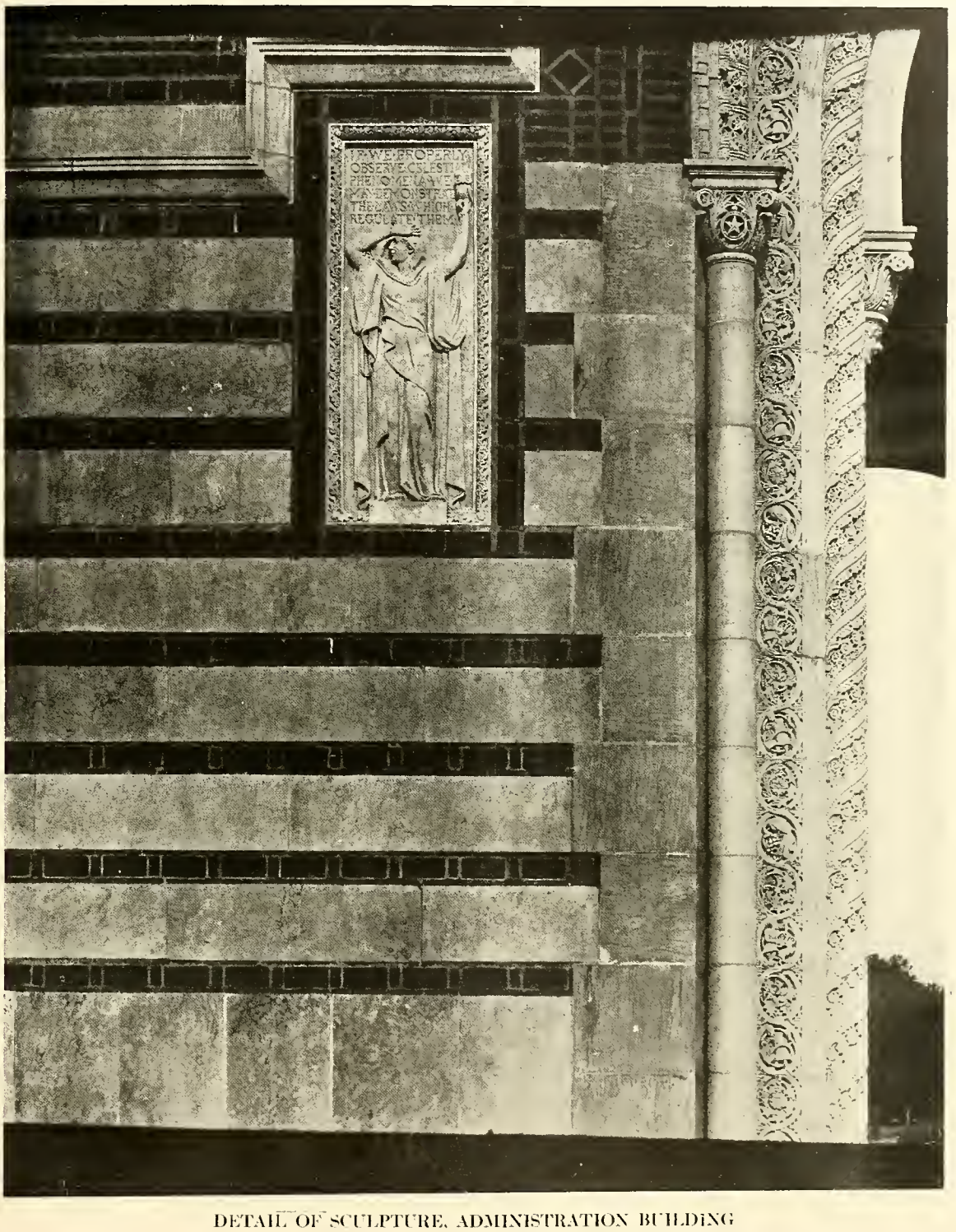
DETAIL OF WEST FRONT, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*



DETAIL OF SCULPTURE, ADMINISTRATION BUILDING

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

MESSRS. CRAM, GOODHUE & FERGUSON (Boston Office), *Architects*

WILLIAM M. RICE INSTITUTE, HOUSTON, TEXAS

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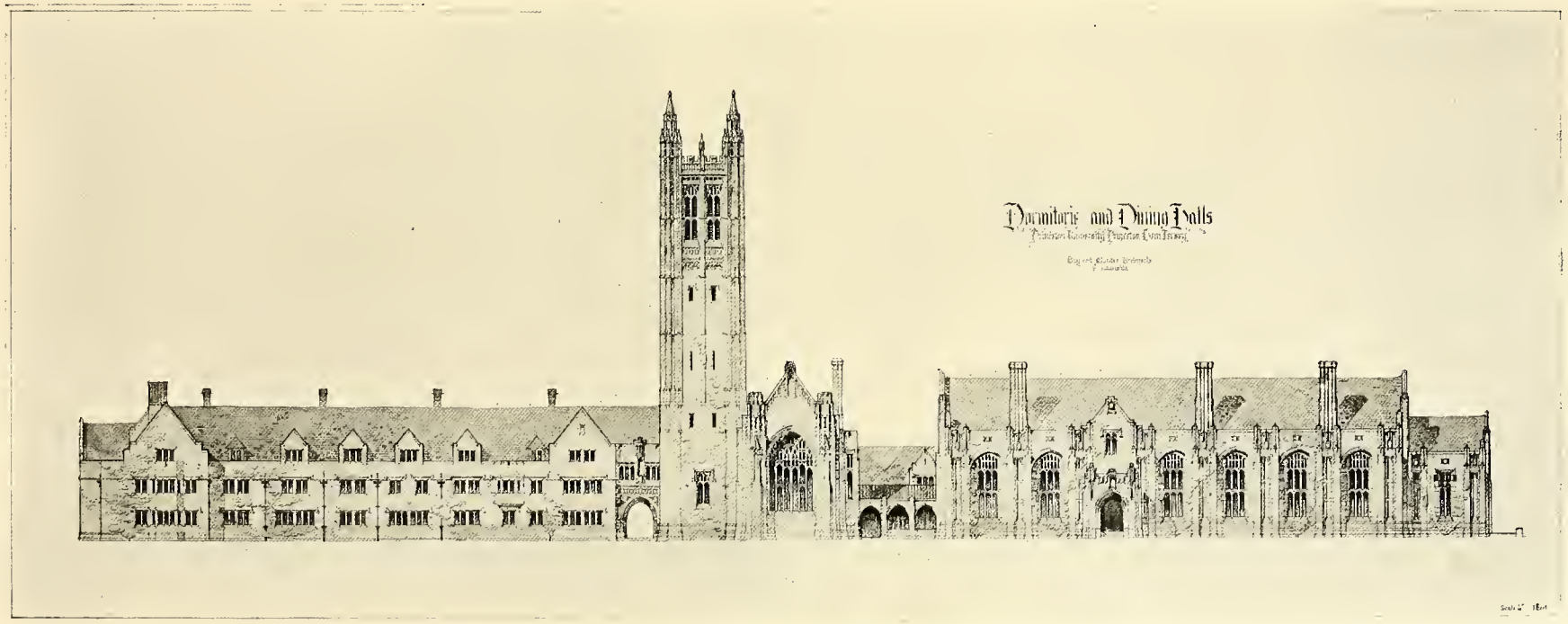
BARNARD SCHOOL, RIVERDALE, N. Y.

MESSRS. MANN & McNEILLE, *ARCHITECTS*

PERSPECTIVE VIEW

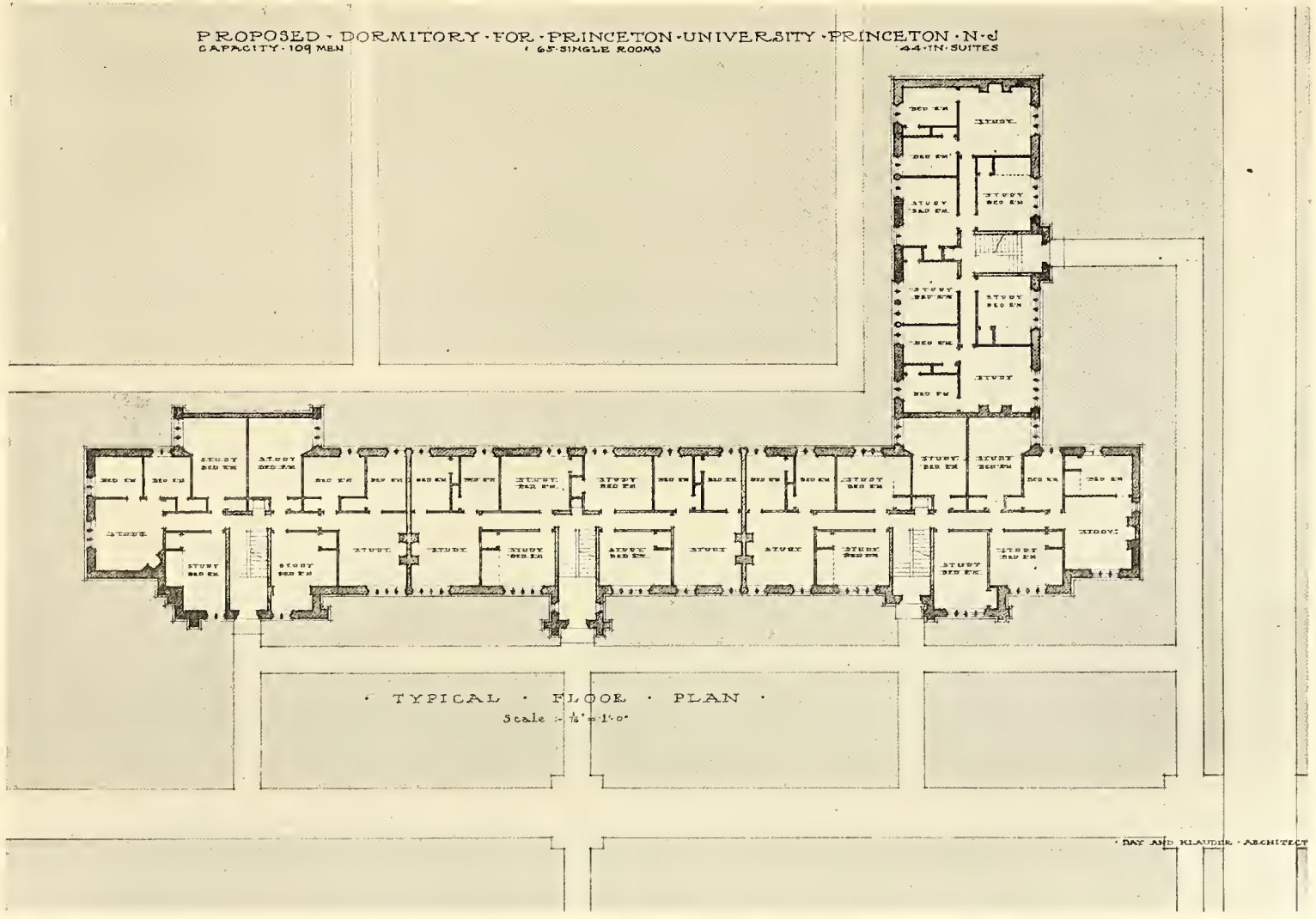
DORMITORIES AND DINING HALLS, PRINCETON UNIVERSITY

MESSRS. DAY & KLAUDER, *ARCHITECTS*



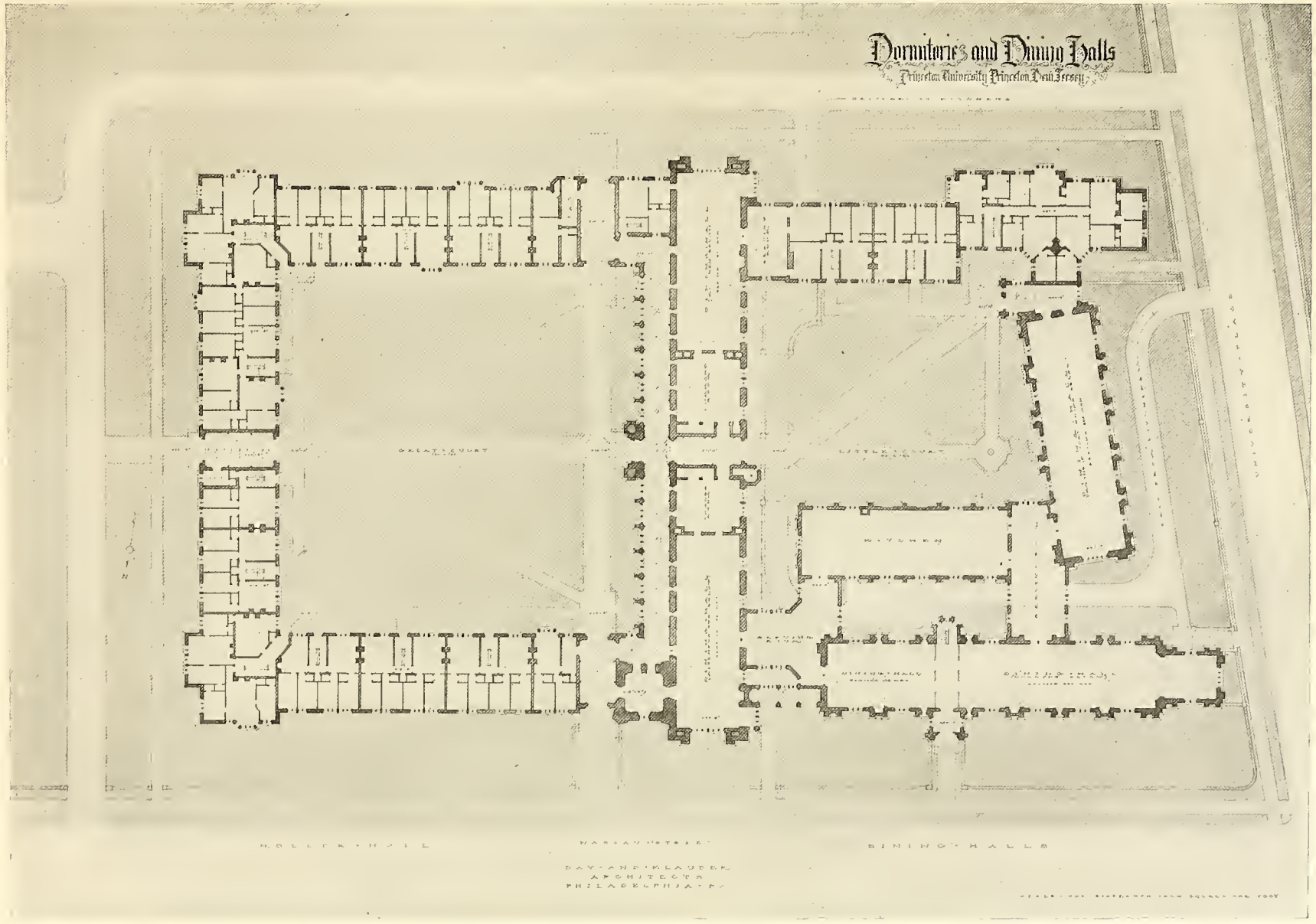
DORMITORIES AND DINING HALLS, PRINCETON UNIVERSITY

MESSRS. DAY & KLAUDER, *ARCHITECTS*



DORMITORY, PRINCETON UNIVERSITY, PRINCETON, N. J.

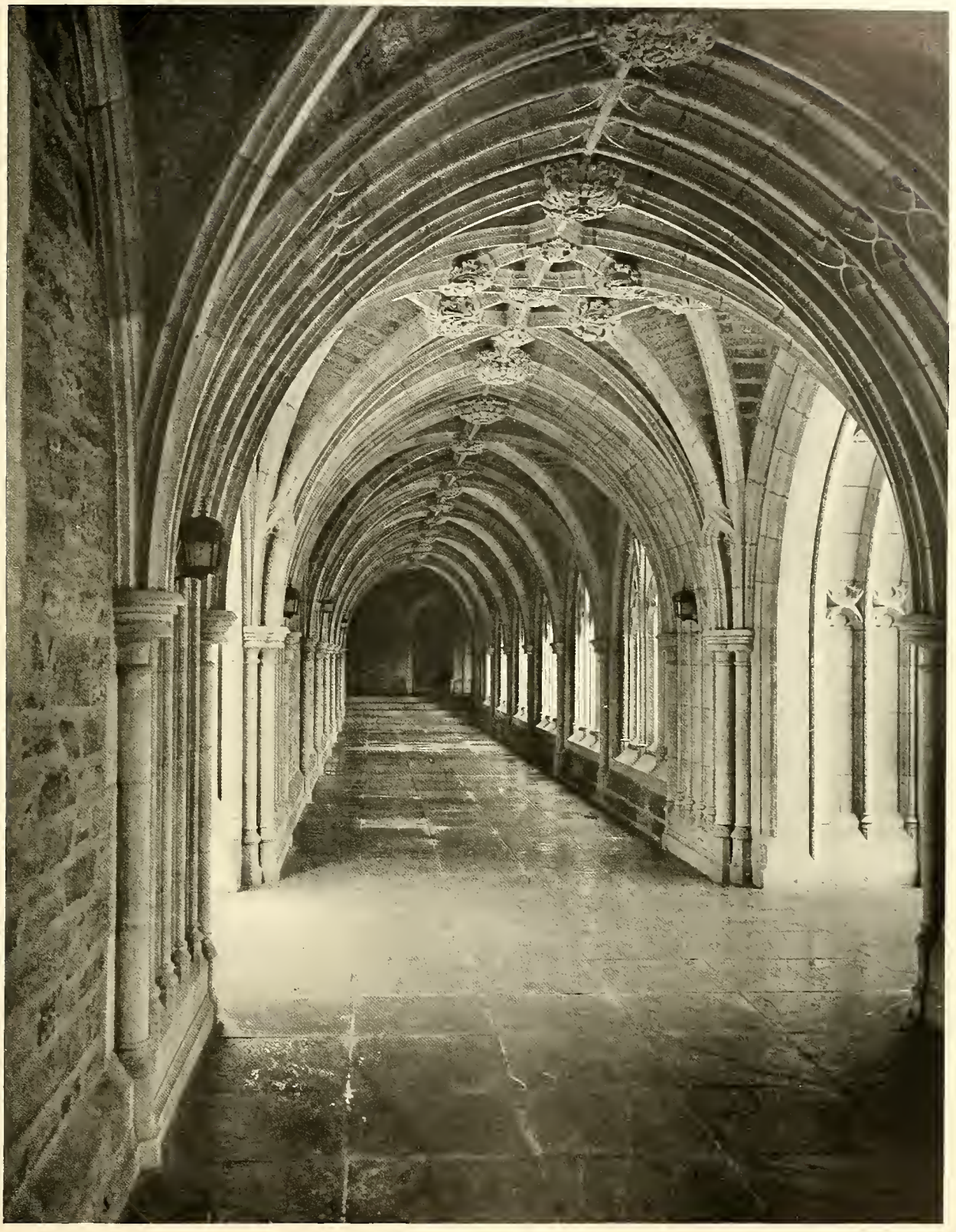
MESSRS. DAY & KLAUDER. *ARCHITECTS*



DORMITORIES AND DINING HALLS, PRINCETON UNIVERSITY

MESSRS. DAY & KLAUDER, *ARCHITECTS*

MESSRS. DAY & KLAUDER, *ARCHITECTS*



CLOISTER

HOLDER HALL, PRINCETON UNIVERSITY

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*

DINING HALLS FROM NORTH-WEST

RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*

DINING HALLS FROM SOUTHWEST

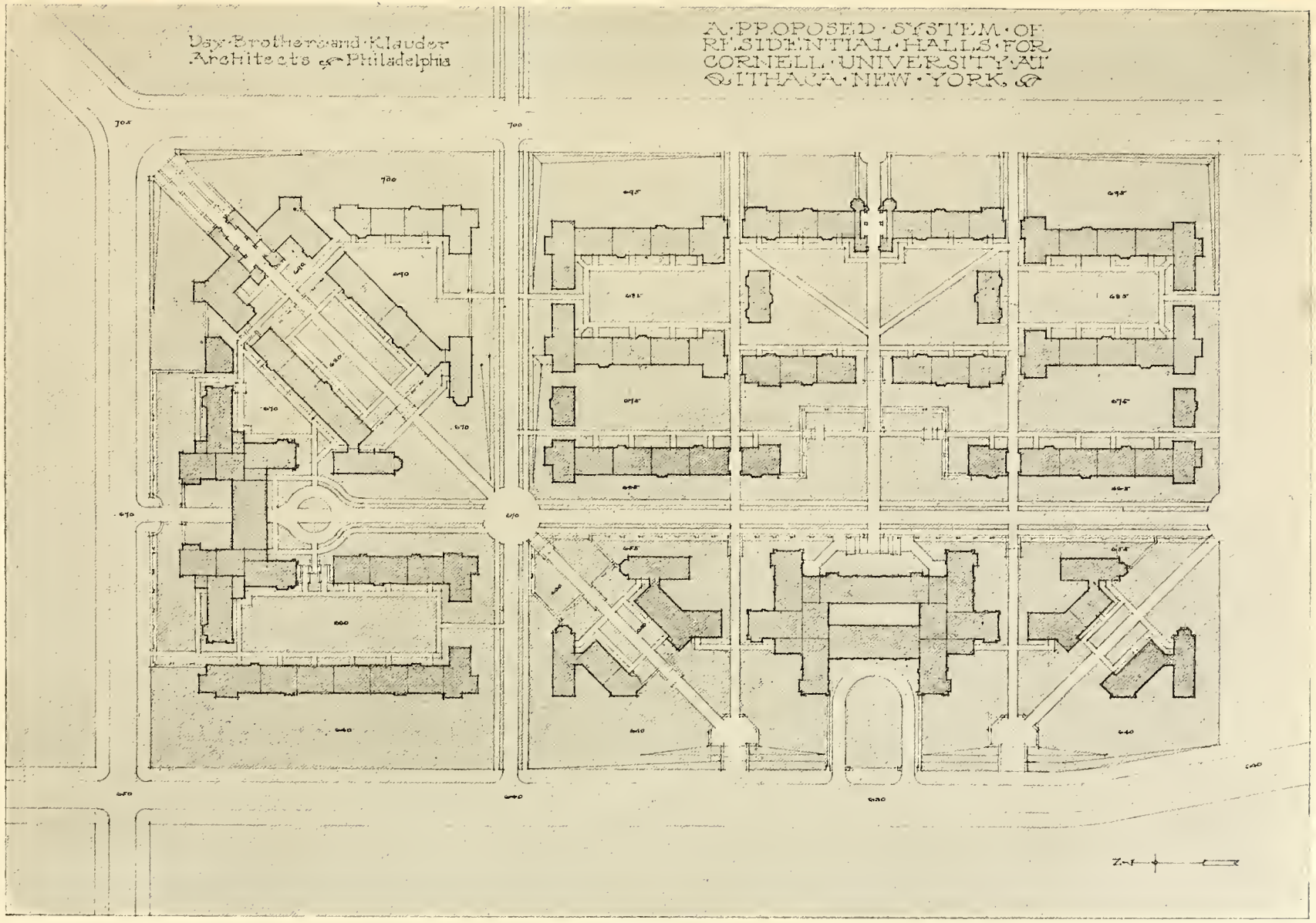
RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*

ENTRANCE TOWER FROM NORTH-EAST

RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*



BLOCK PLAN

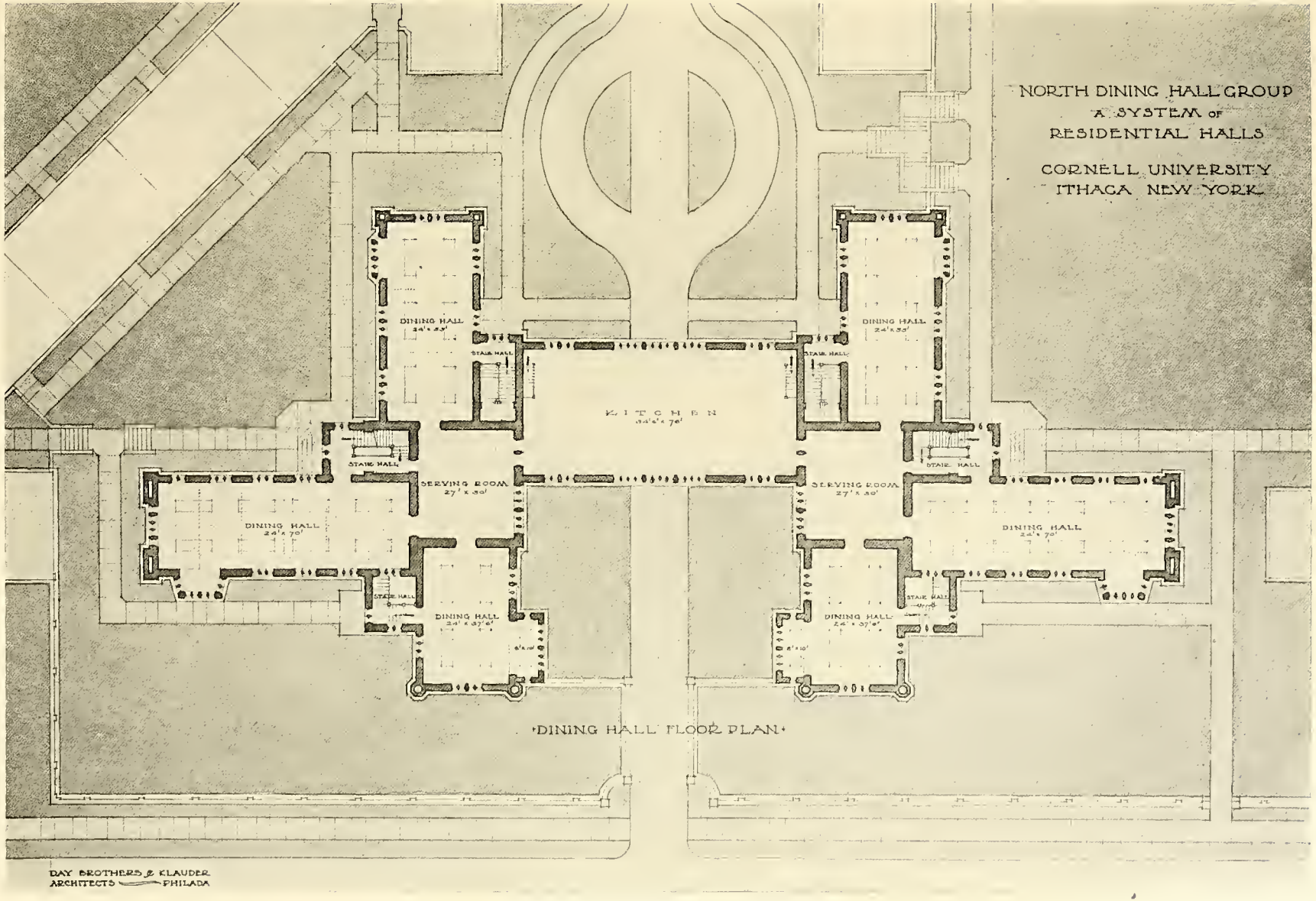
RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*

PERSPECTIVE VIEW OF DIAGONAL COURT

RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*



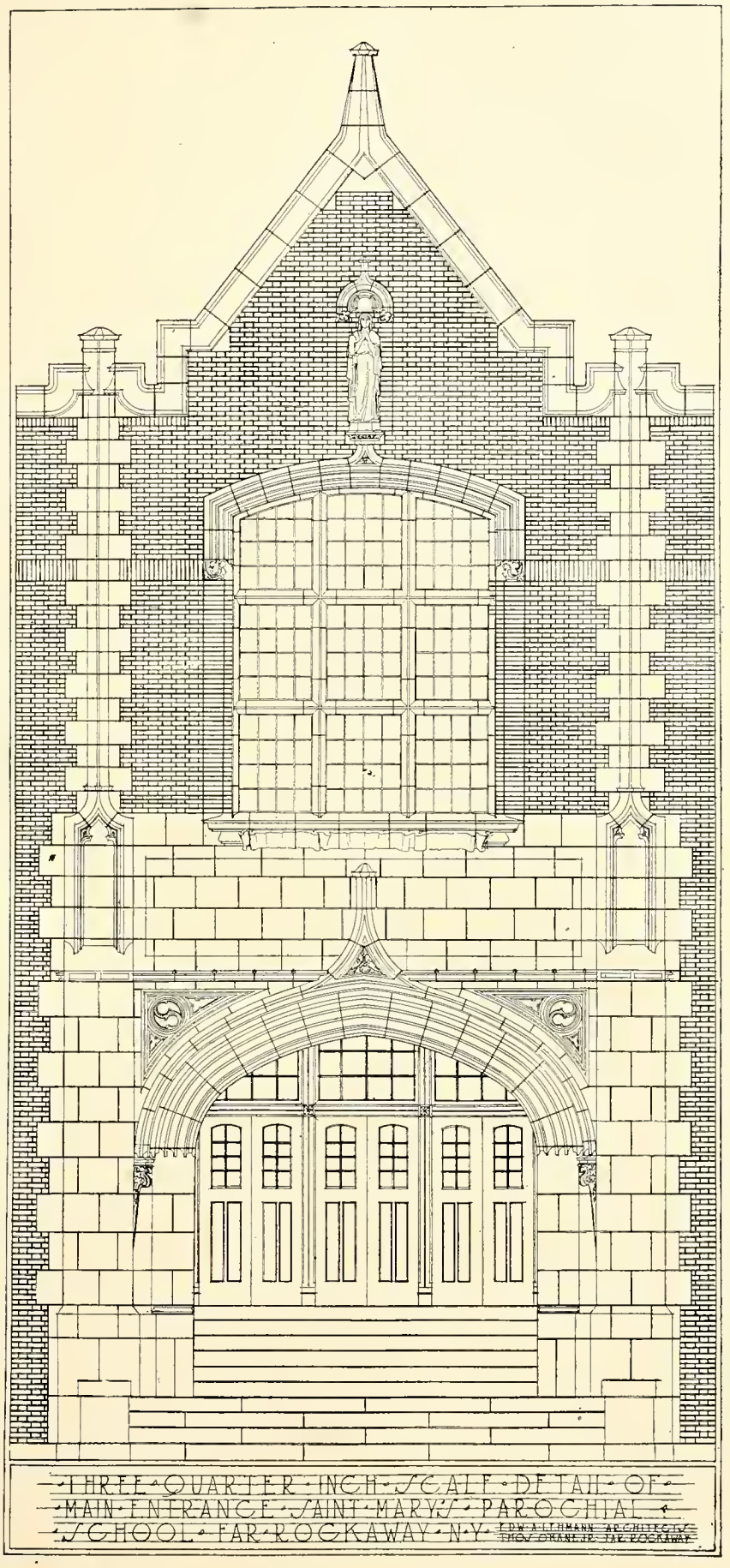
NORTH DINING HALL GROUP

RESIDENTIAL HALLS, CORNELL UNIVERSITY, ITHACA, N. Y.

MESSRS. DAY BROTHERS & KLAUDER, *ARCHITECTS*

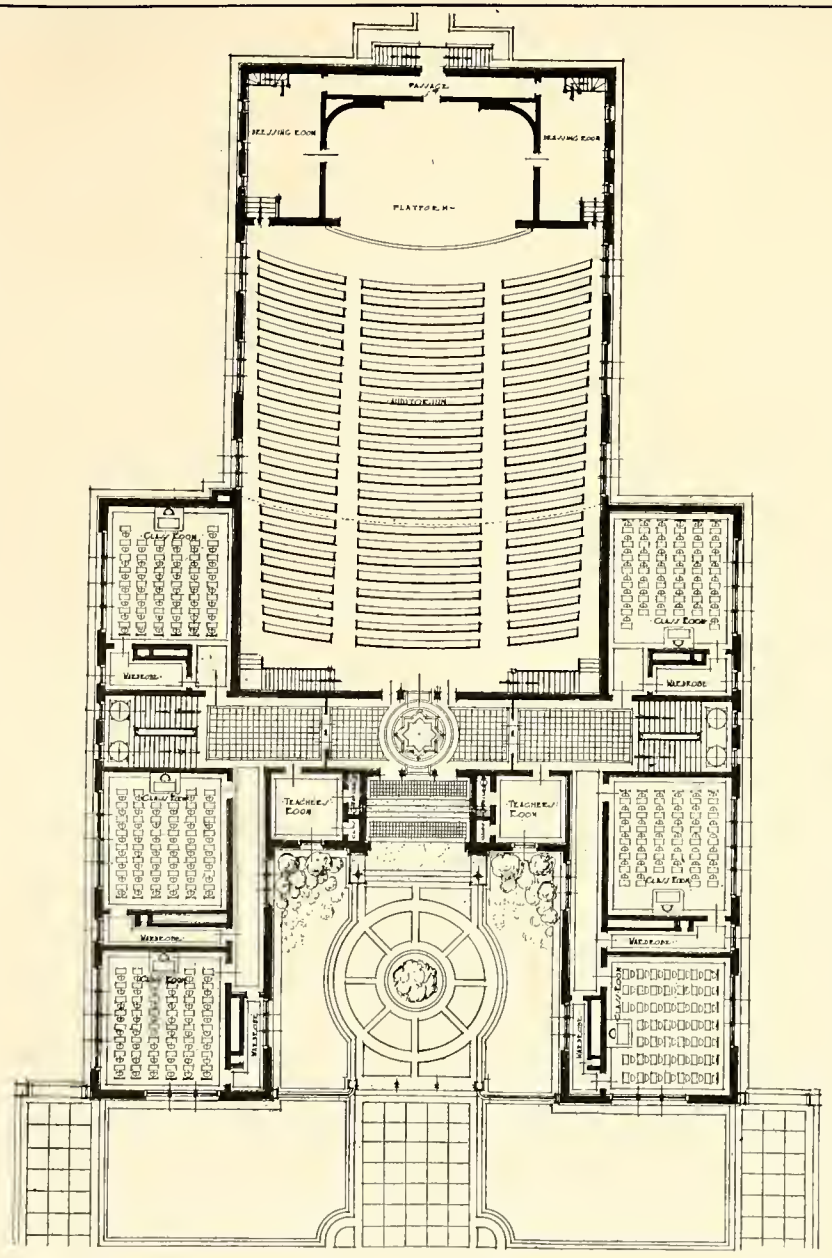
ST. MARY'S PAROCHIAL SCHOOL, FAR ROCKAWAY, N. Y.

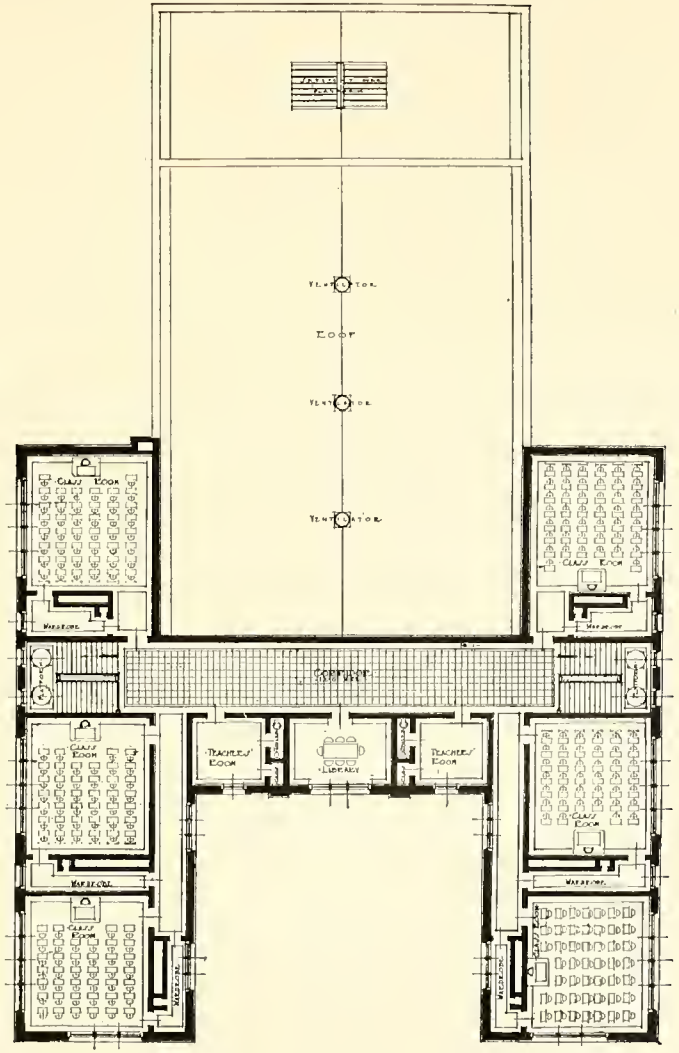
MESSRS. EDWARD A. LEHMANN AND THOMAS O'KANE, JR., *ARCHITECTS*



ST. MARY'S PAROCHIAL SCHOOL, FAR ROCKAWAY, N. Y.

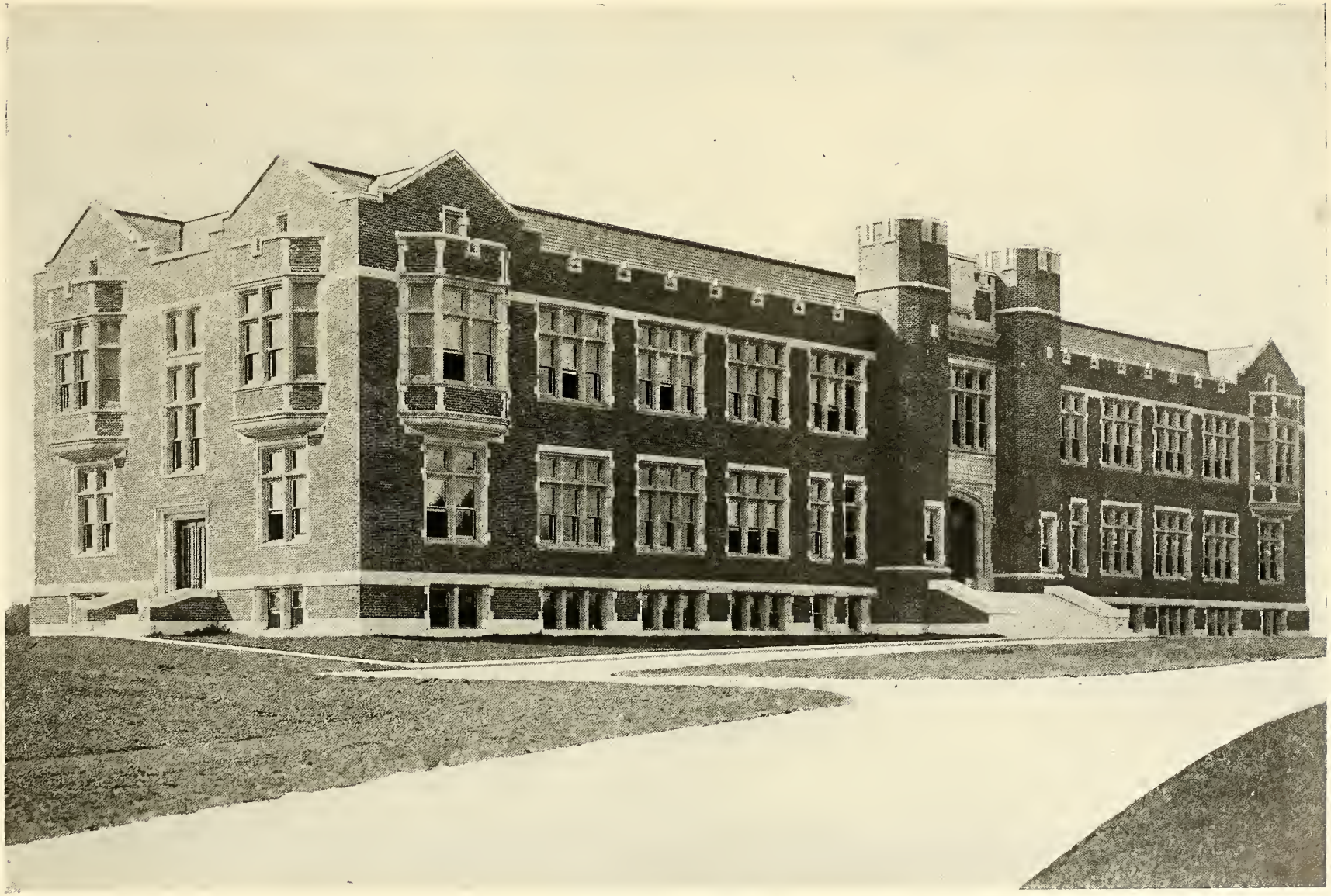
MESSRS EDWARD A. LEHMANN AND THOMAS O'KANE, JR., *ARCHITECTS*





ST. MARY'S PAROCHIAL SCHOOL
FAR ROCKAWAY, N. Y.

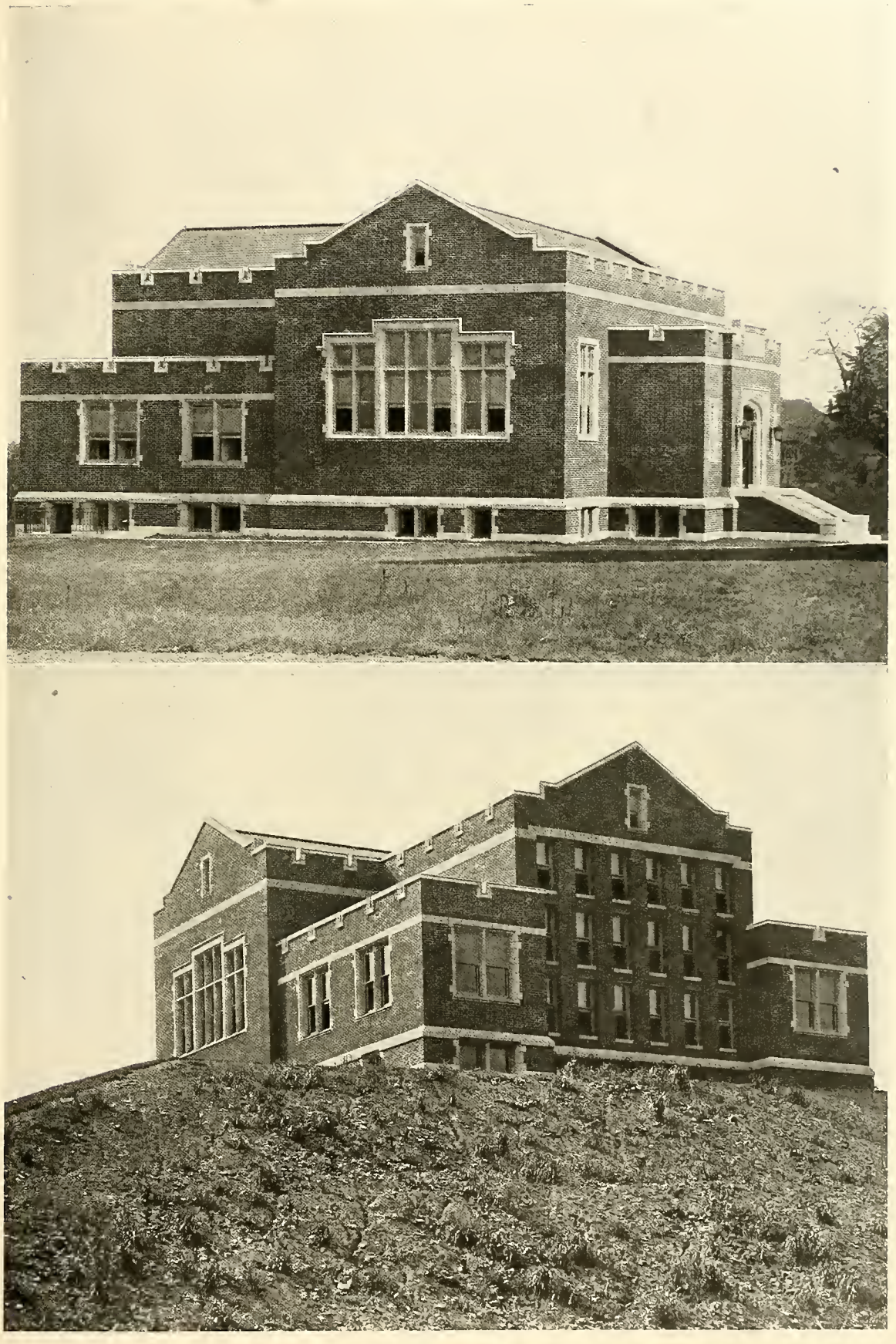
MESSRS. EDWARD A. LEHMANN AND THOMAS O'KANE, JR., *Architects*



ADMINISTRATION BUILDING

HEBREW UNION COLLEGE, CINCINNATI, OHIO

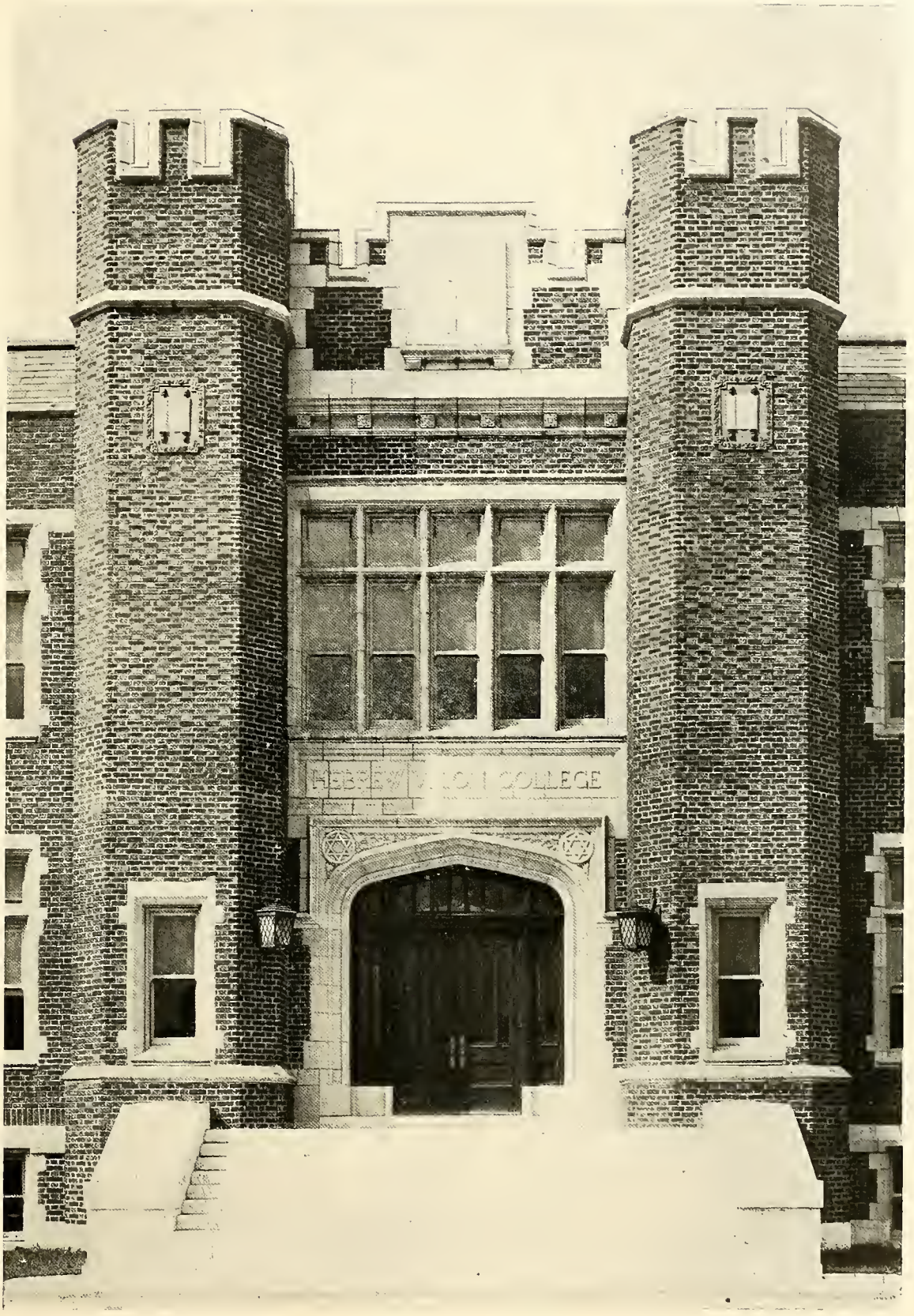
MR. A. LINCOLN FECHHEIMER, *ARCHITECT*



LIBRARY

HEBREW UNION COLLEGE, CINCINNATI, OHIO

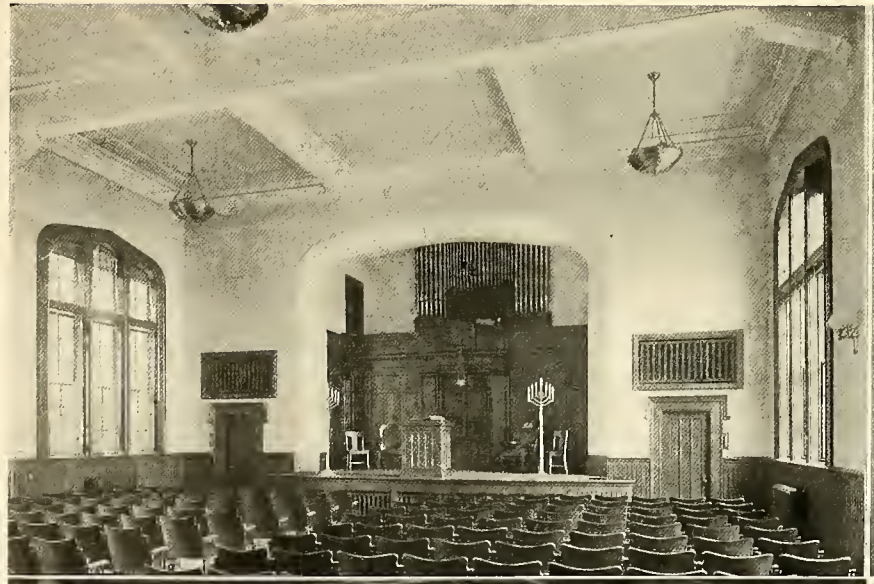
MR. A. LINCOLN FECHHEIMER, *ARCHITECT*



CENTER DETAIL, ADMINISTRATION BUILDING

HEBREW UNION COLLEGE, CINCINNATI, OHIO

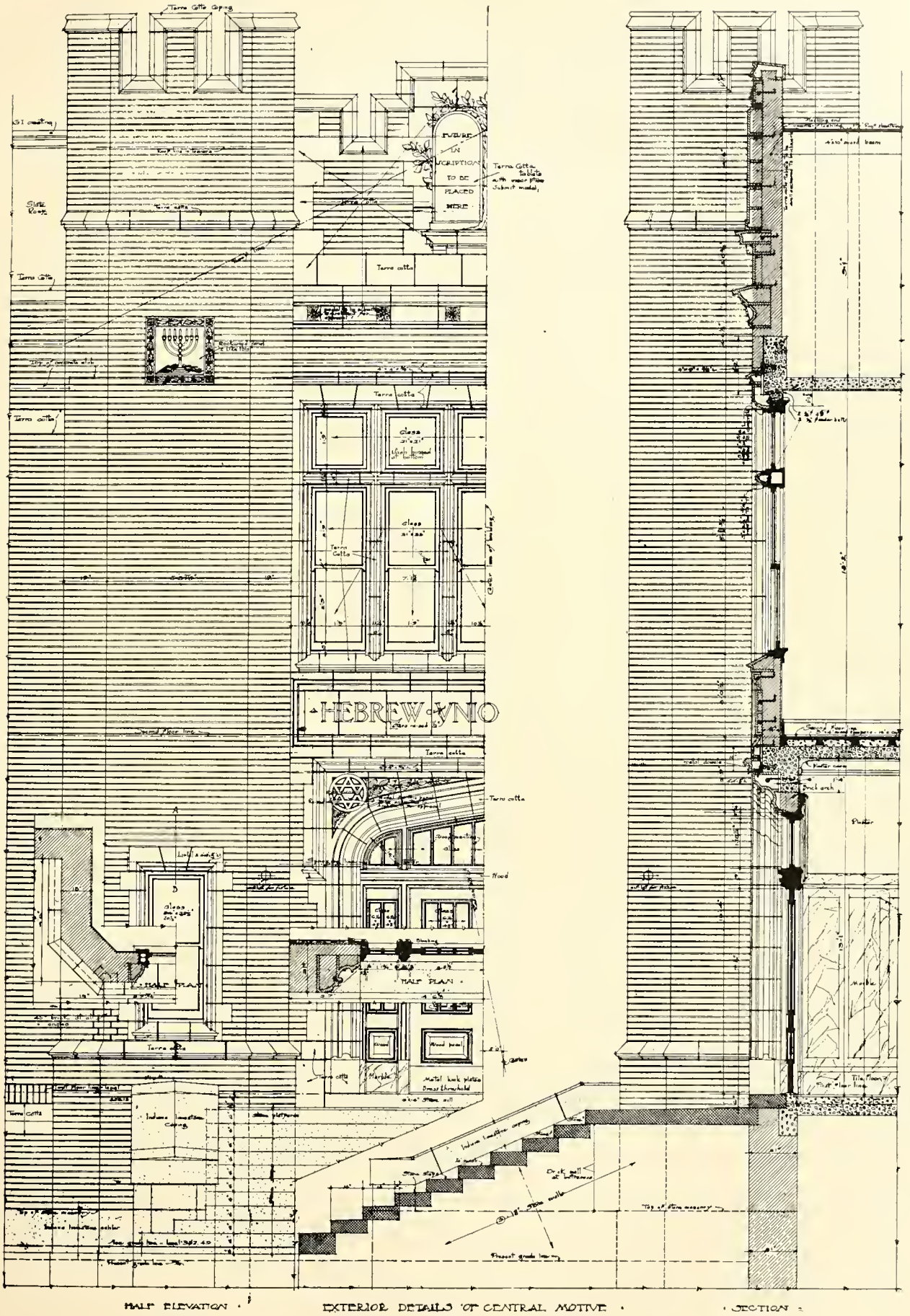
MR. A. LINCOLN FECHHEIMER, *ARCHITECT*



HEBREW UNION COLLEGE, CINCINNATI, OHIO

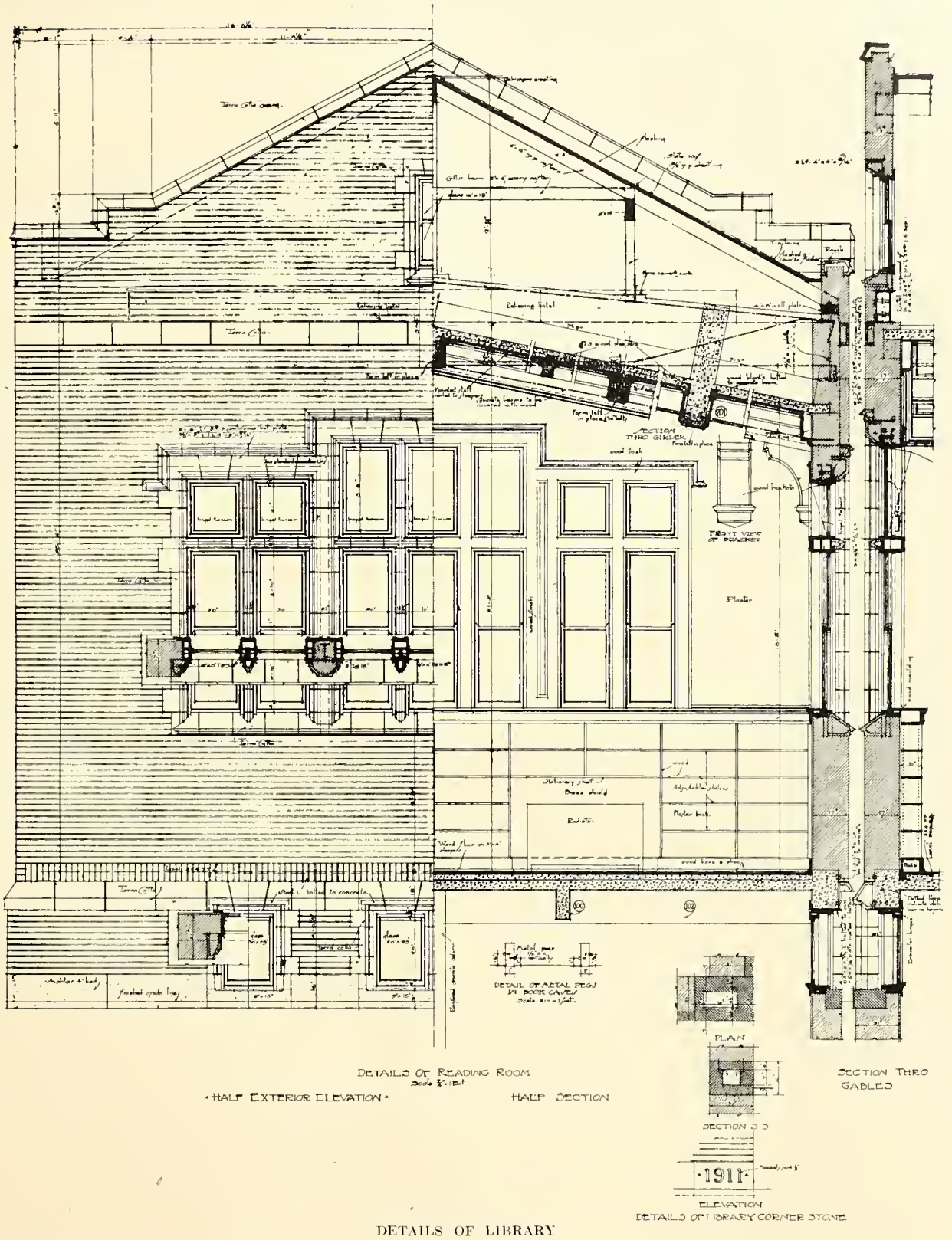
MR. A. LINCOLN FECHHEIMER
ARCHITECT

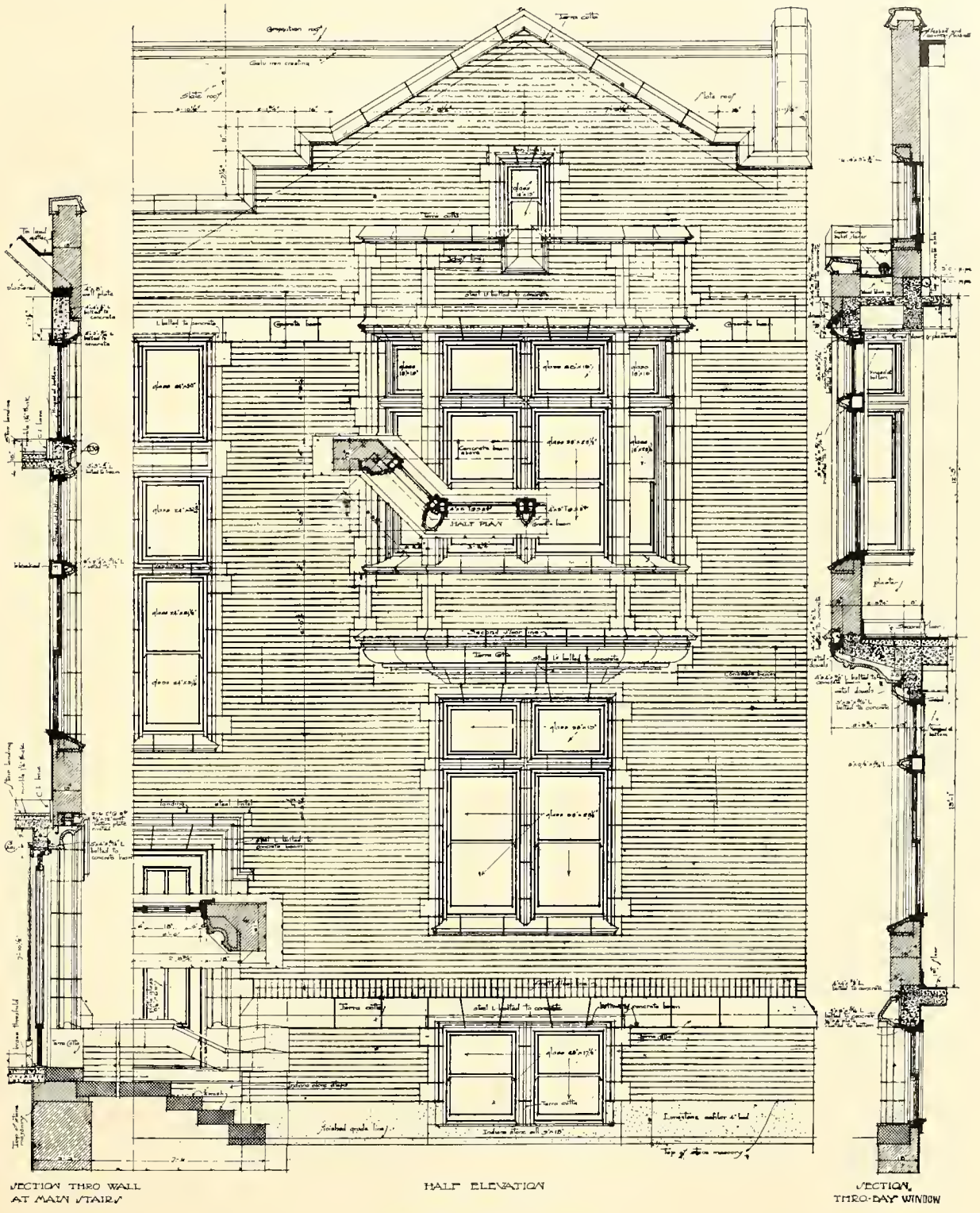
ABOVE, AT LEFT, AUDITORIUM, ADMINISTRATION BUILDING. BELOW, LIBRARY READING ROOM. ABOVE AT RIGHT, STACK



HEBREW UNION COLLEGE, CINCINNATI, OHIO

MR. A. LINCOLN FECHHEIMER, *ARCHITECT*

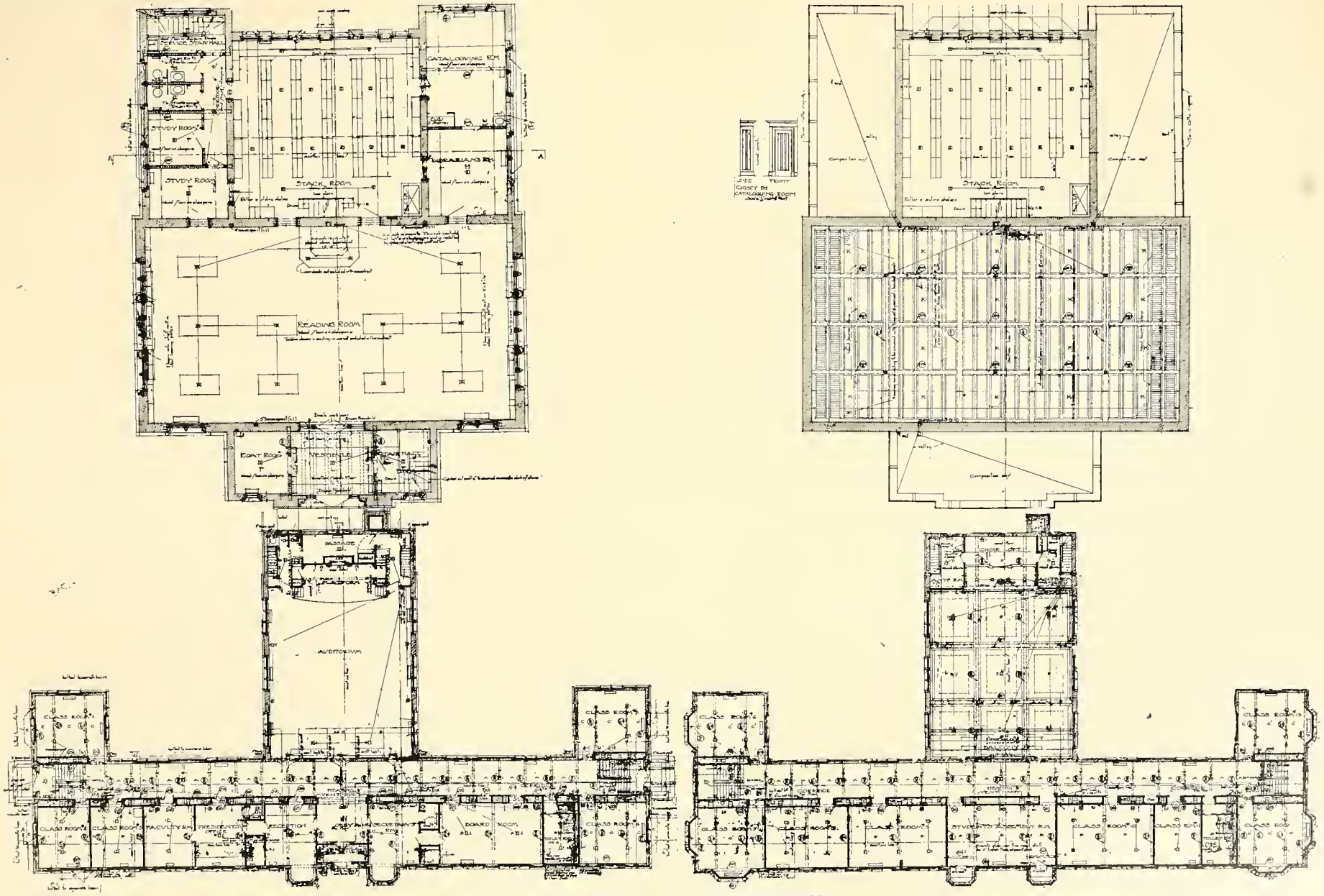

Terra Cotta
Plaster
Radiator
Wood floor on sleepers
Terra Cotta
Terra Cotta
Terra Cotta



ADMINISTRATION BUILDING

HEBREW UNION COLLEGE, CINCINNATI, OHIO

MR. A. LINCOLN FECHHEIMER, *ARCHITECT*



FLOOR PLANS, ADMINISTRATION BUILDING

HEBREW UNION COLLEGE, CINCINNATI, OHIO

MR. A. LINCOLN FECHHEIMER, *ARCHITECT*

HILL MEMORIAL HALL, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH.

MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*

LOBBY

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FOYER

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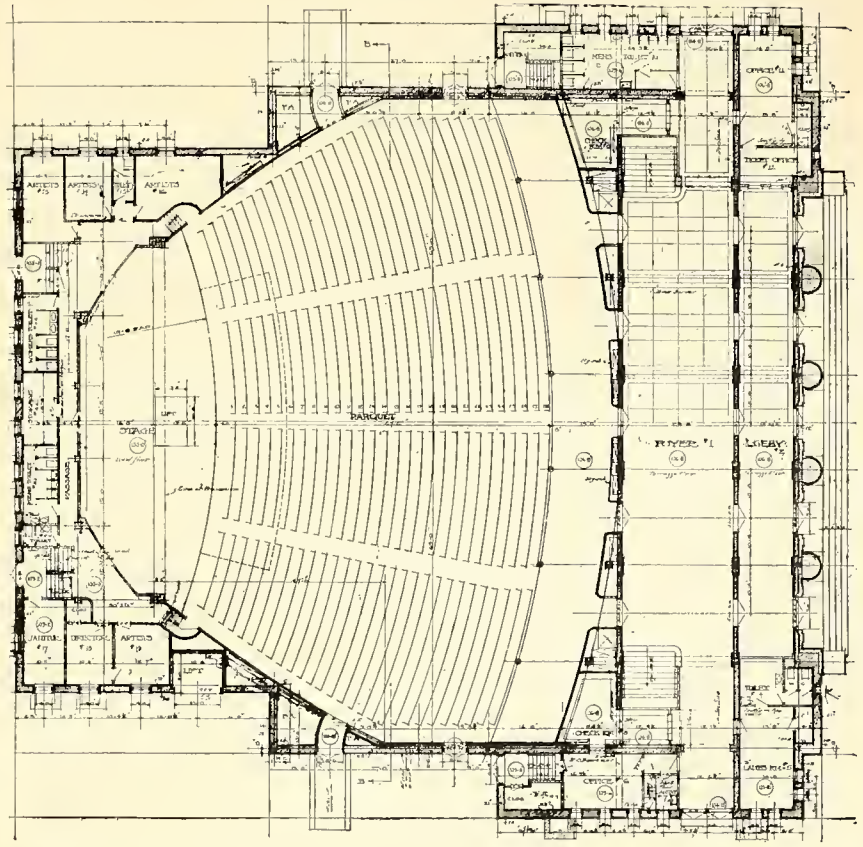
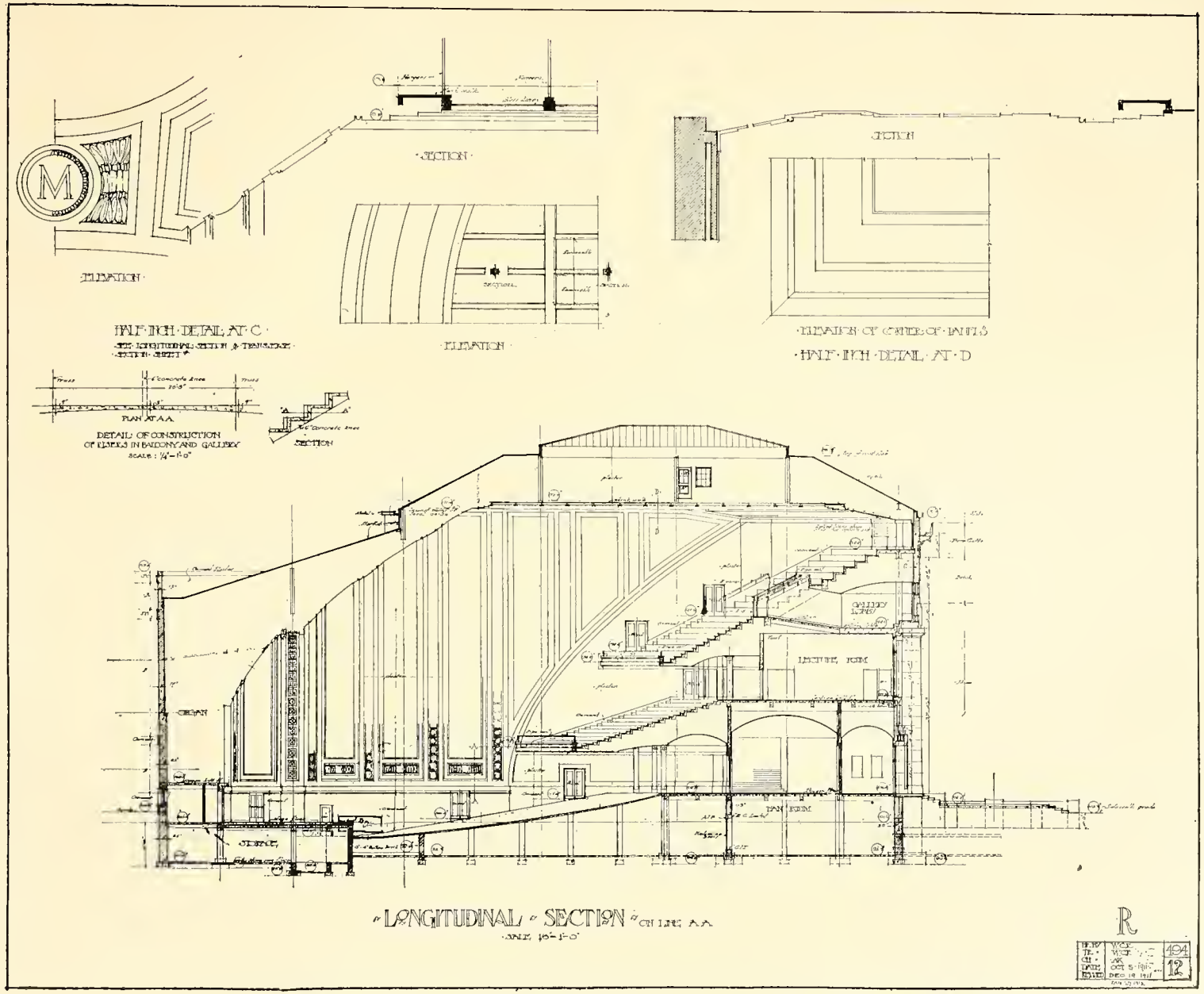
MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*



MAIN FLOOR PLAN

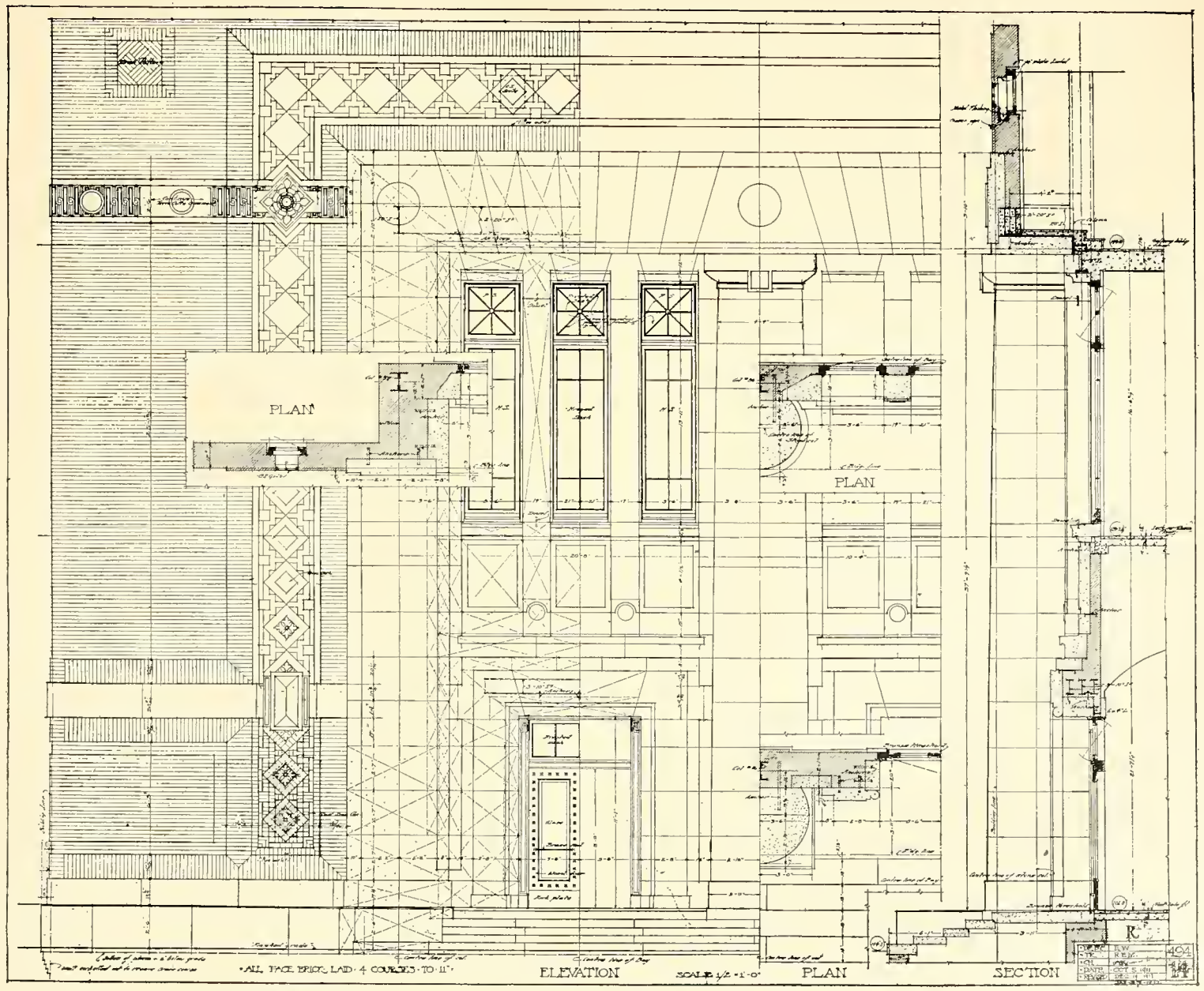
HILL MEMORIAL HALL, UNIVERSITY OF MICHIGAN ANN ARBOR, MICH.

MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*



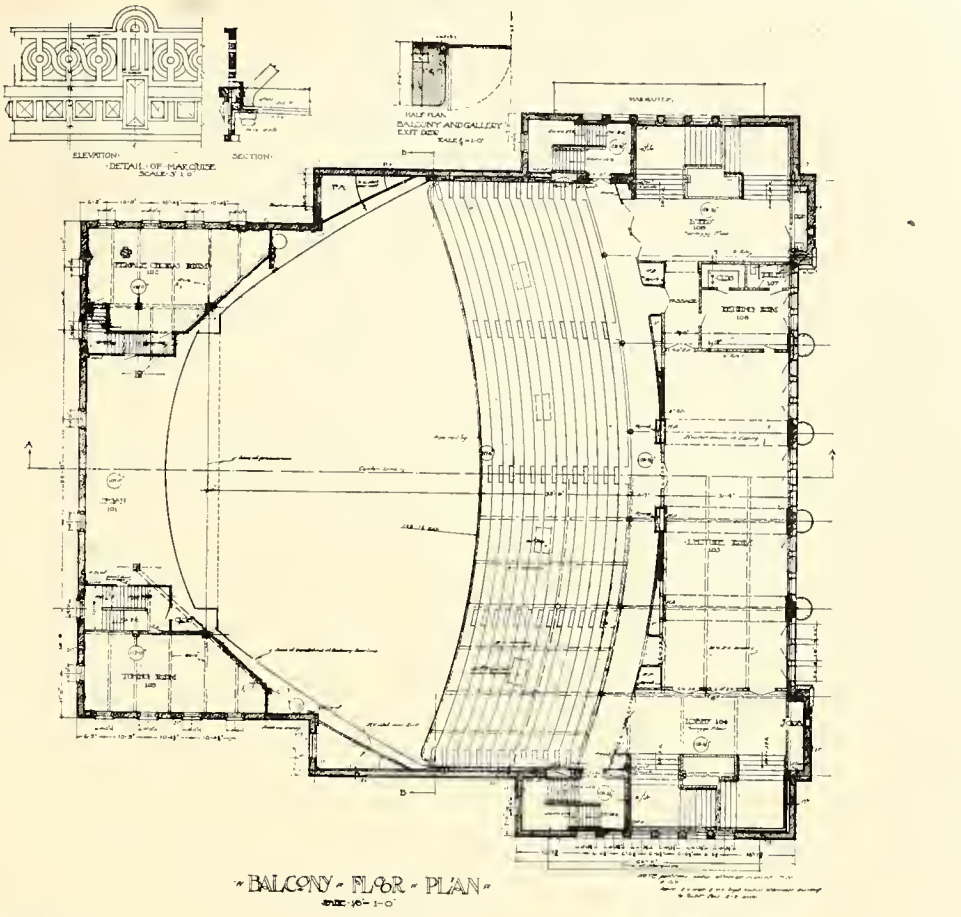
HILL MEMORIAL HALL, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH.

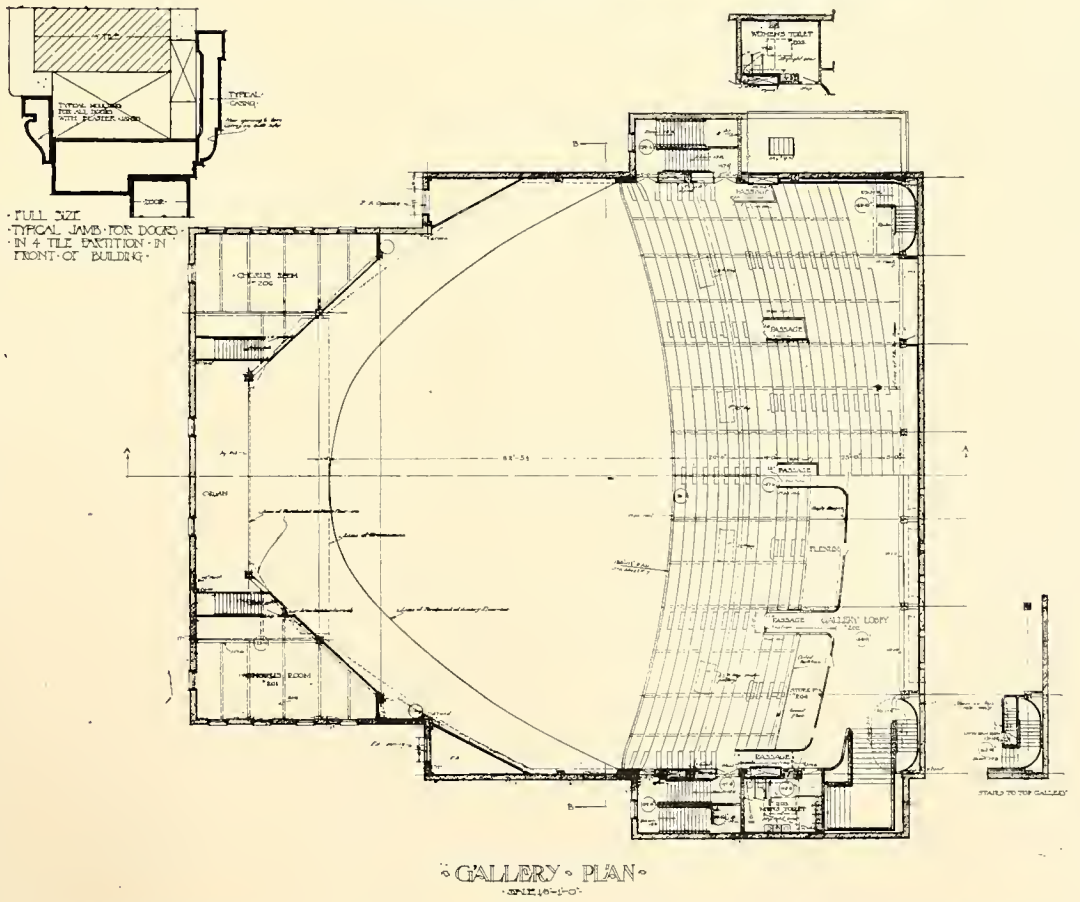
MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*



HILL MEMORIAL HALL, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH.

MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*





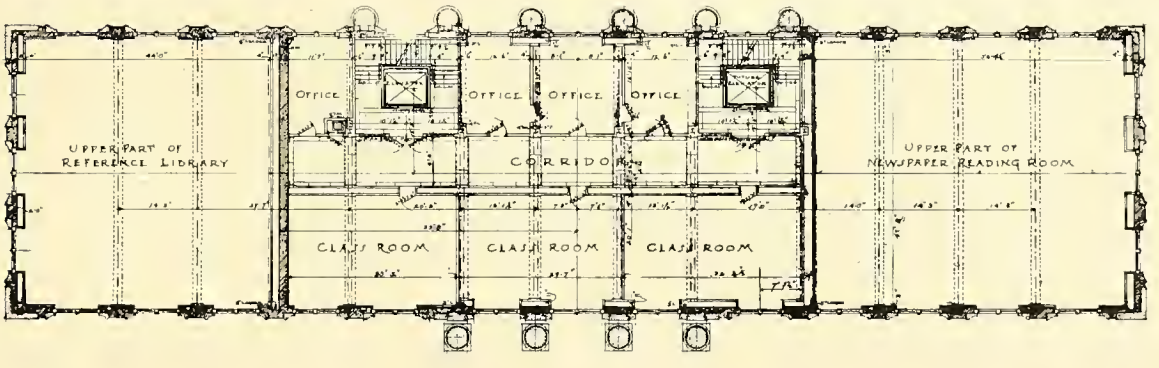
HILL MEMORIAL HALL, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICH.

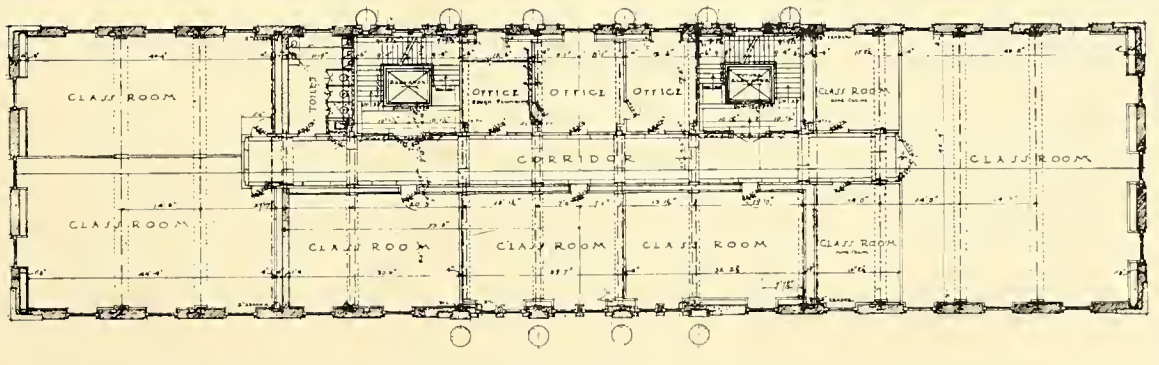
MR. ALBERT KAHN, *ARCHITECT;* MR. ERNEST WILBY, *ASSOCIATE*

VIEW FROM NORTHWEST

SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*





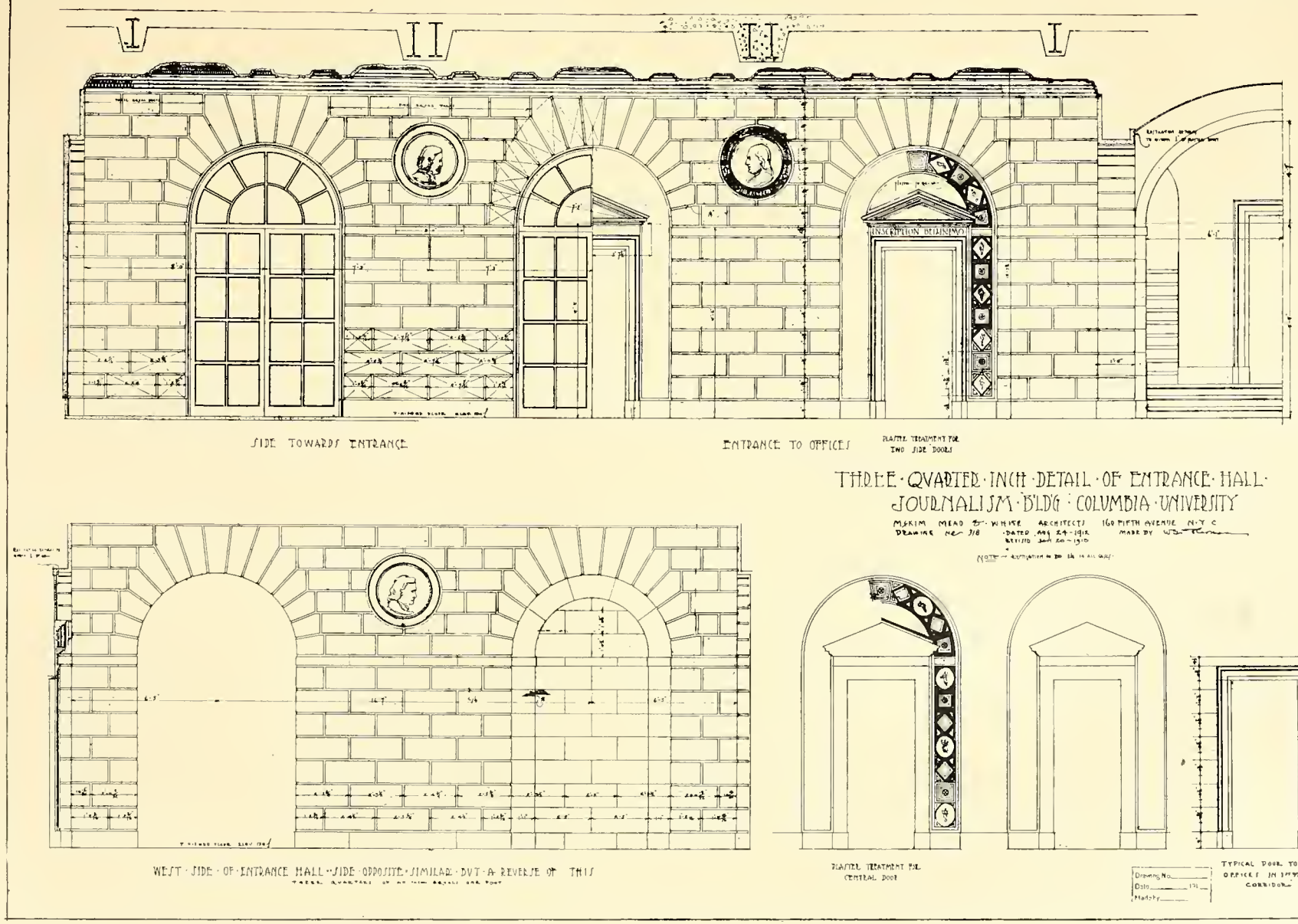
SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*

DETAIL OF 116TH STREET FACADE

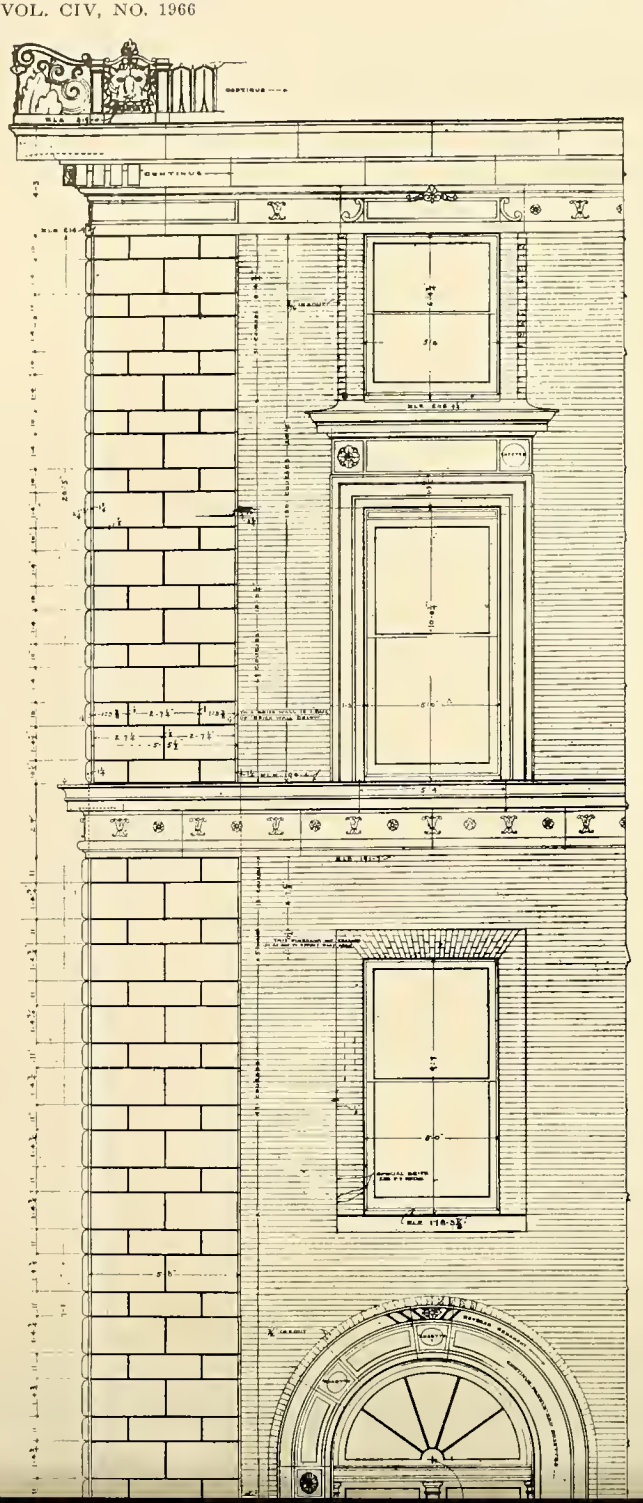
SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

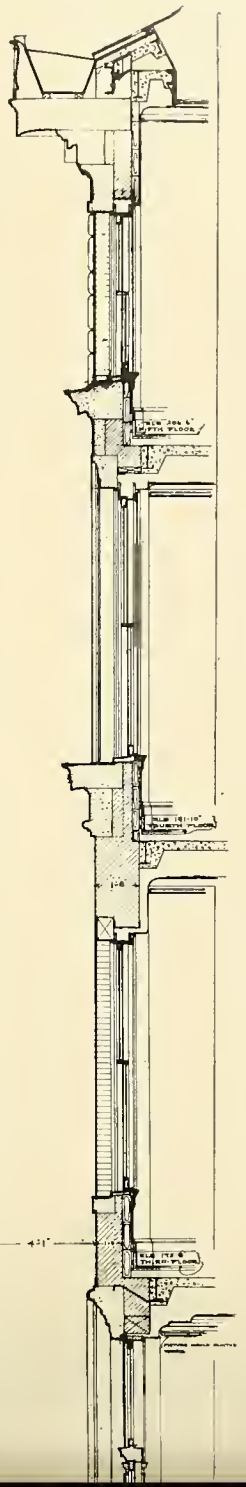
MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*

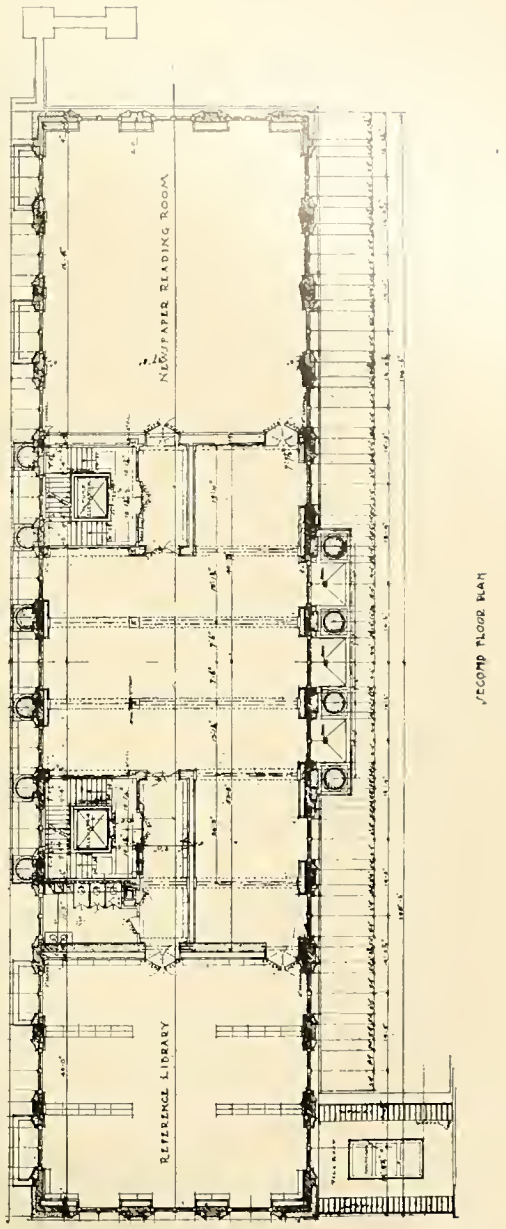


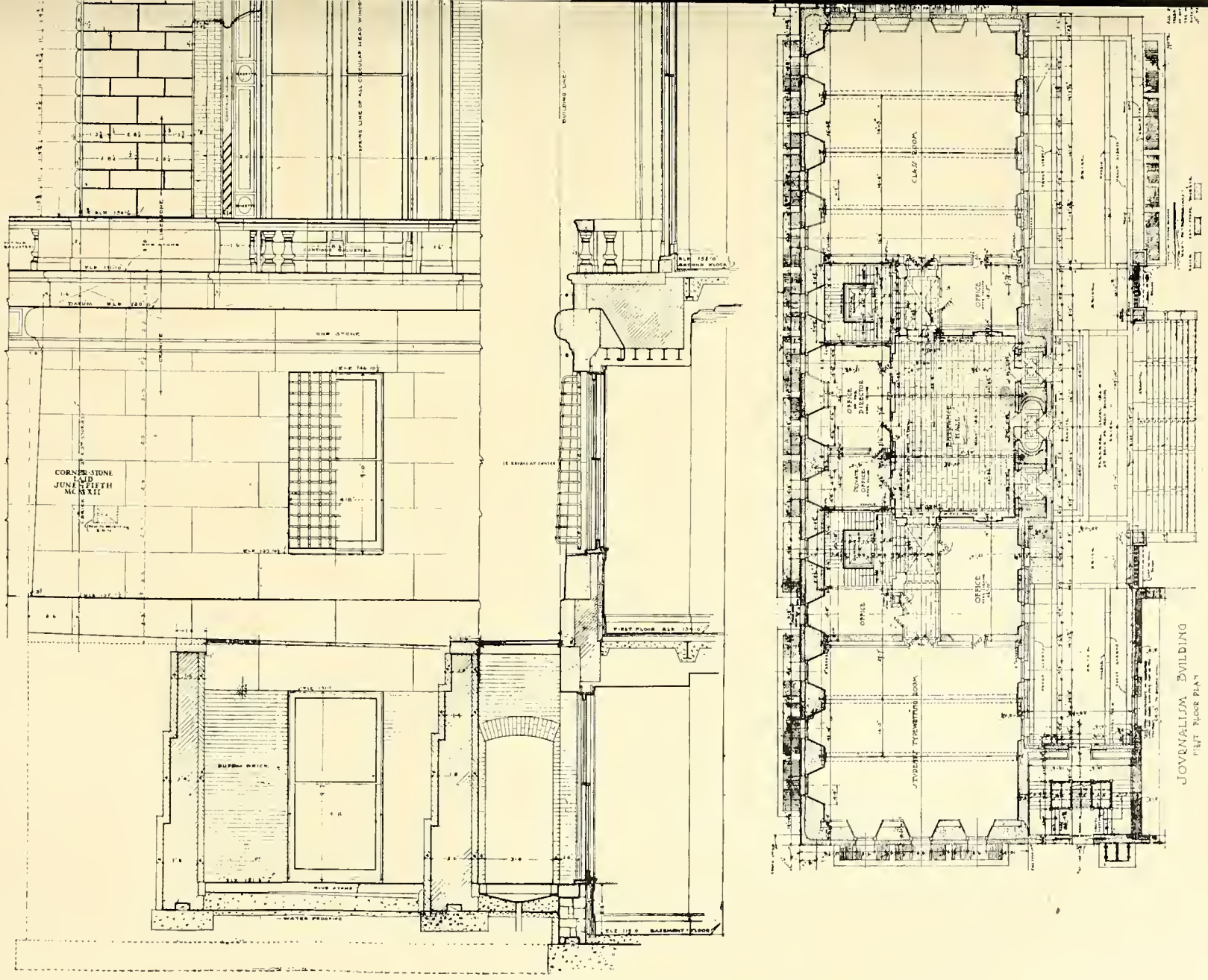
SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*



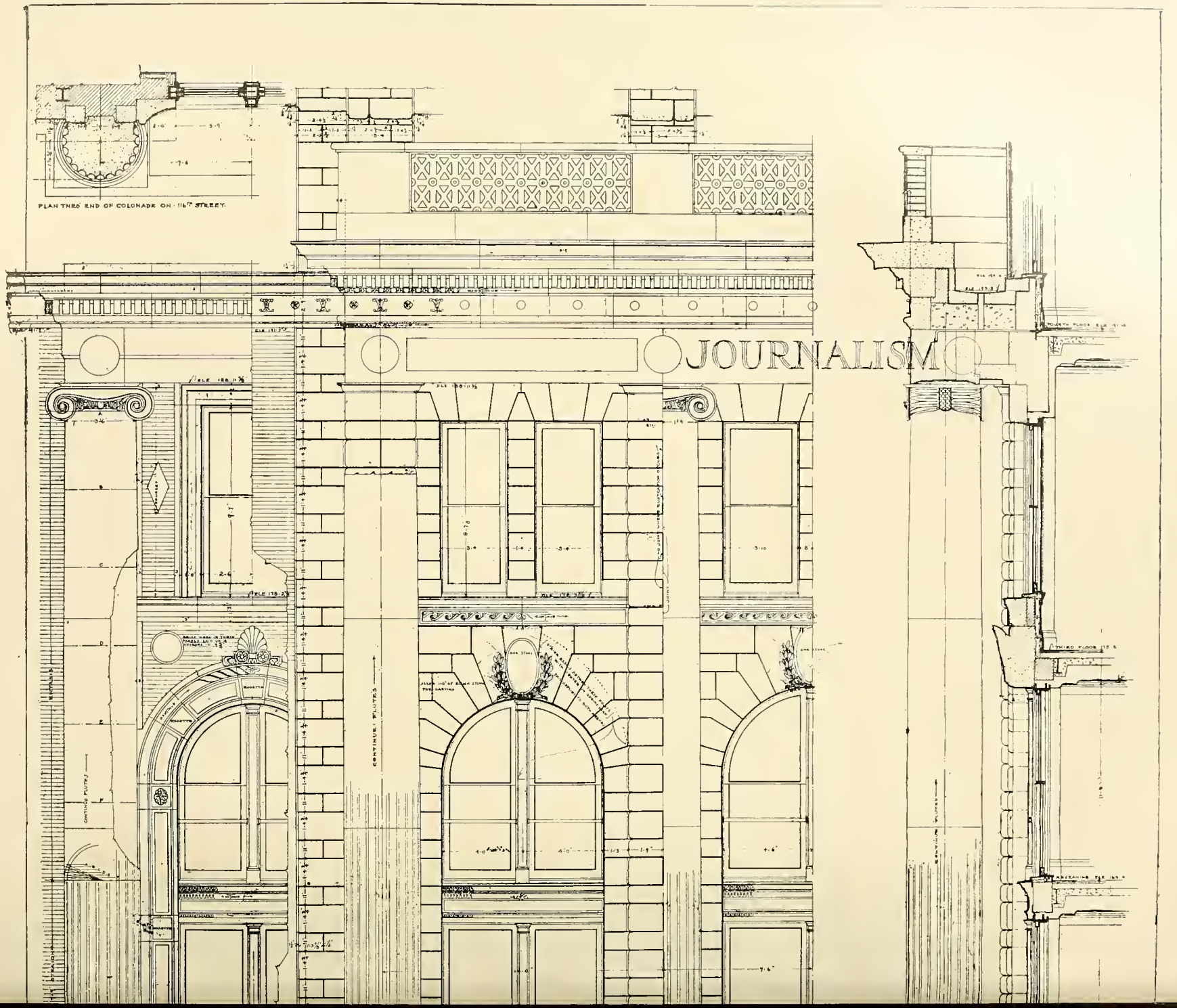


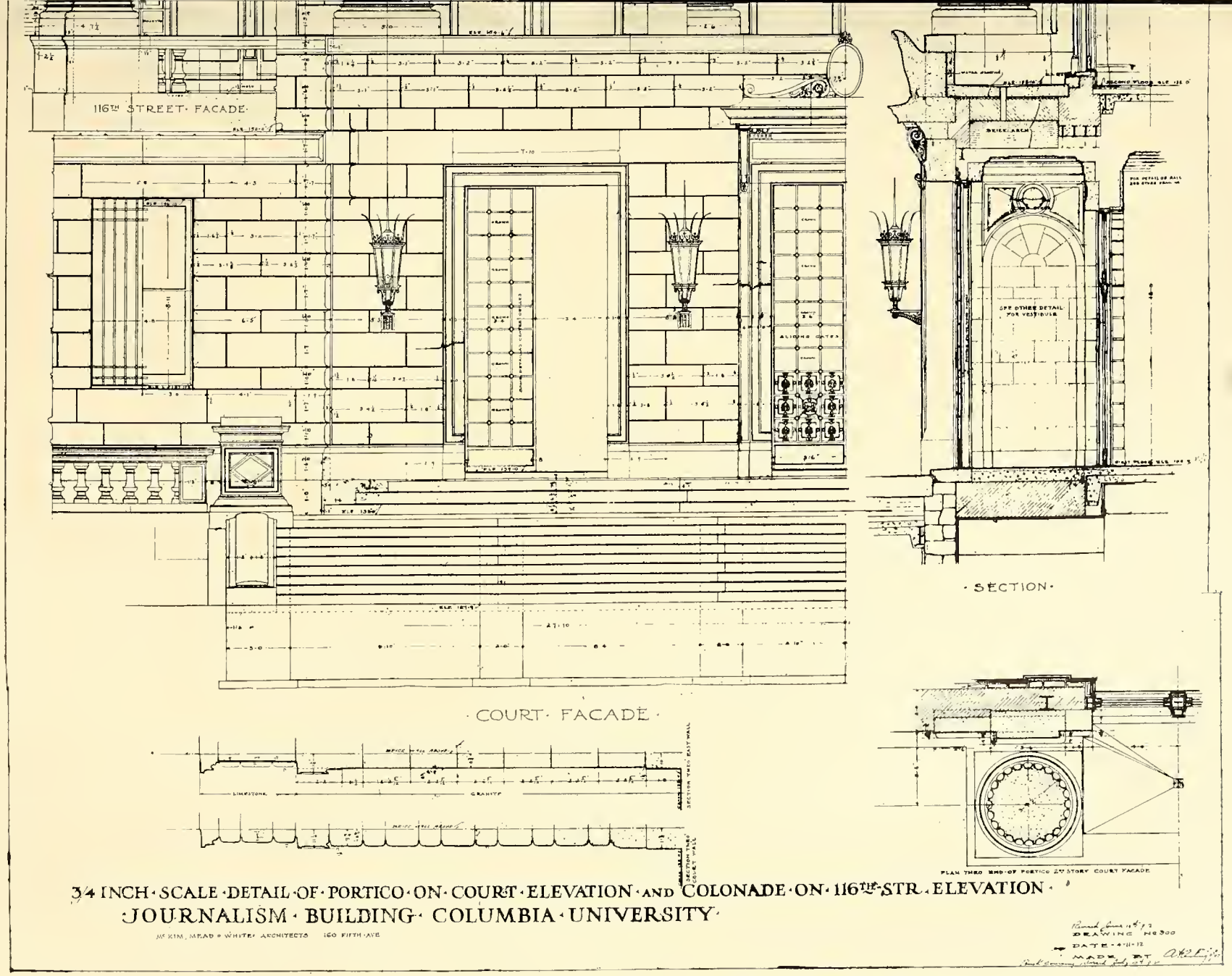

NEWSPAPER READING ROOM
REFERENCE LIBRARY
SECOND FLOOR PLAN



SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

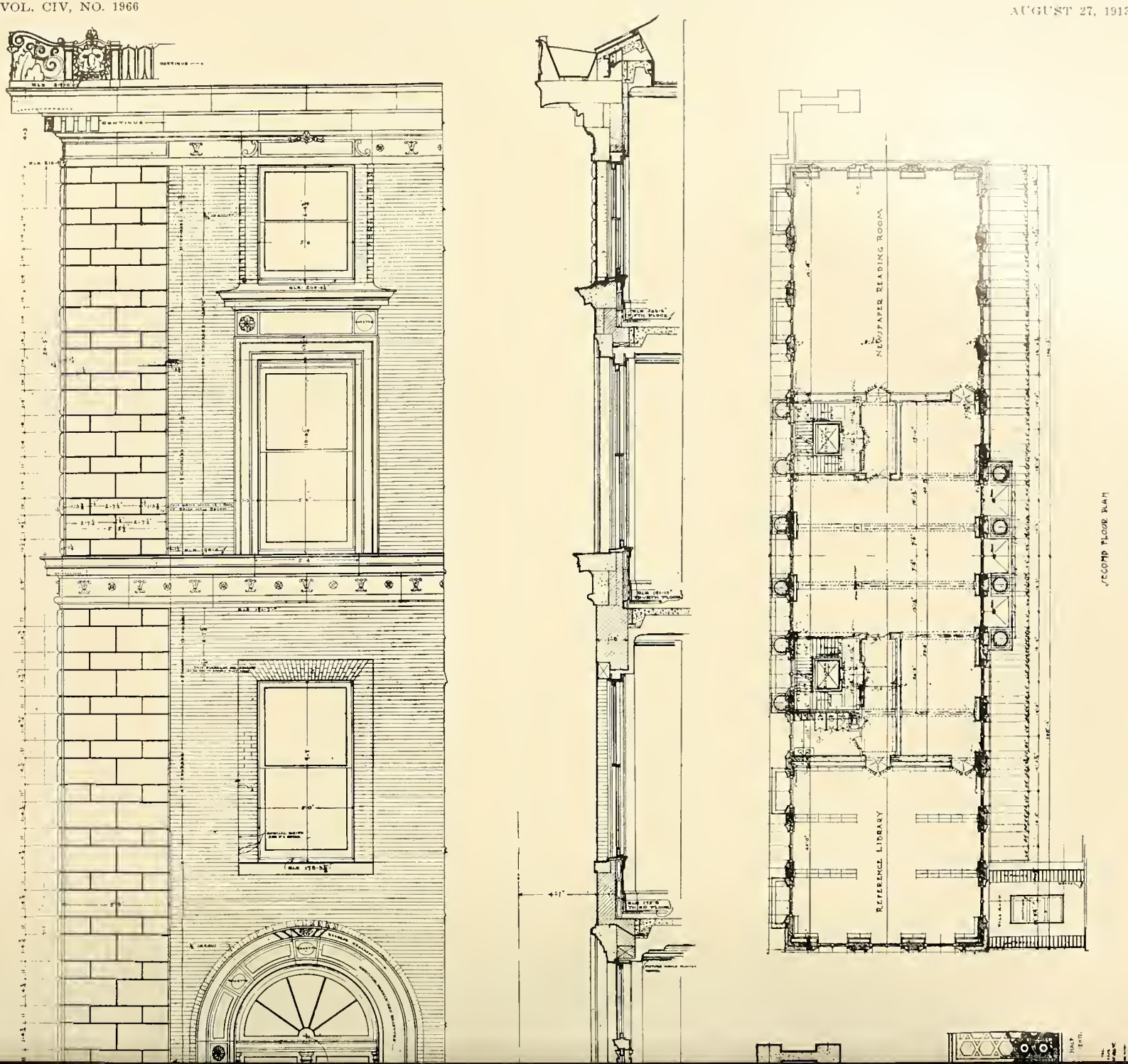
MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*

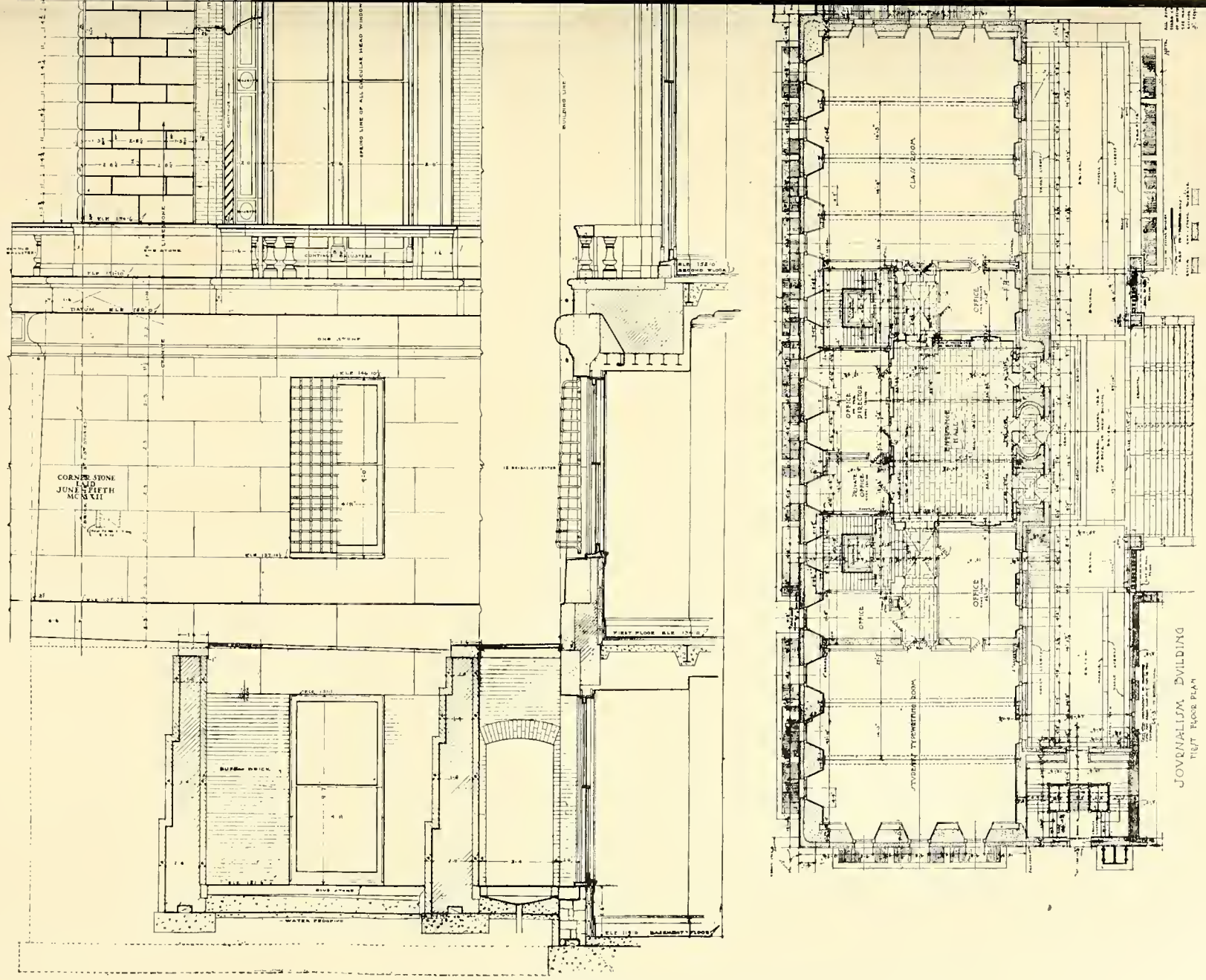

PLAN THRO' END OF COLONADE ON 116th STREET.
JOURNALISM



SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*


NEWSPAPER READING ROOM
REFERENCE LIBRARY
SECOND FLOOR PLAN



SCHOOL OF JOURNALISM, COLUMBIA UNIVERSITY, NEW YORK

MESSRS. McKIM, MEAD & WHITE, *ARCHITECTS*

VIEW OF WEST SIDE

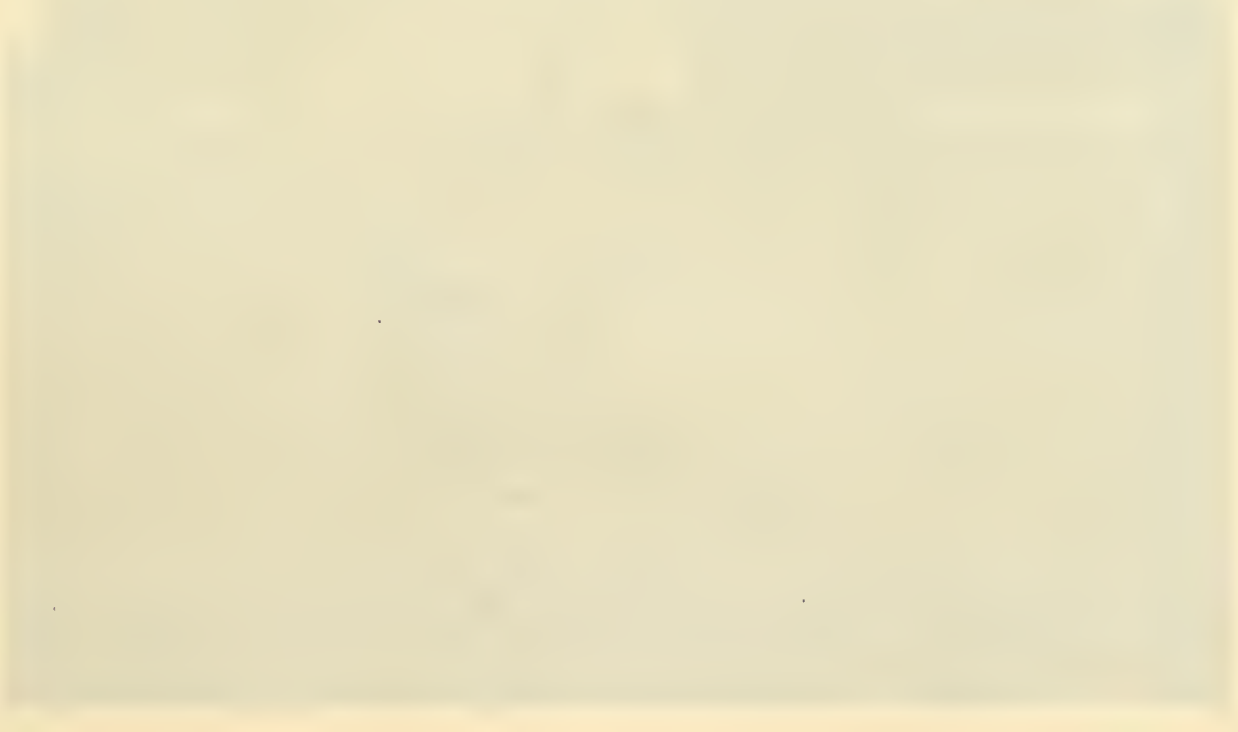
GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

QUADRANGLE, LOOKING SOUTHEAST

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

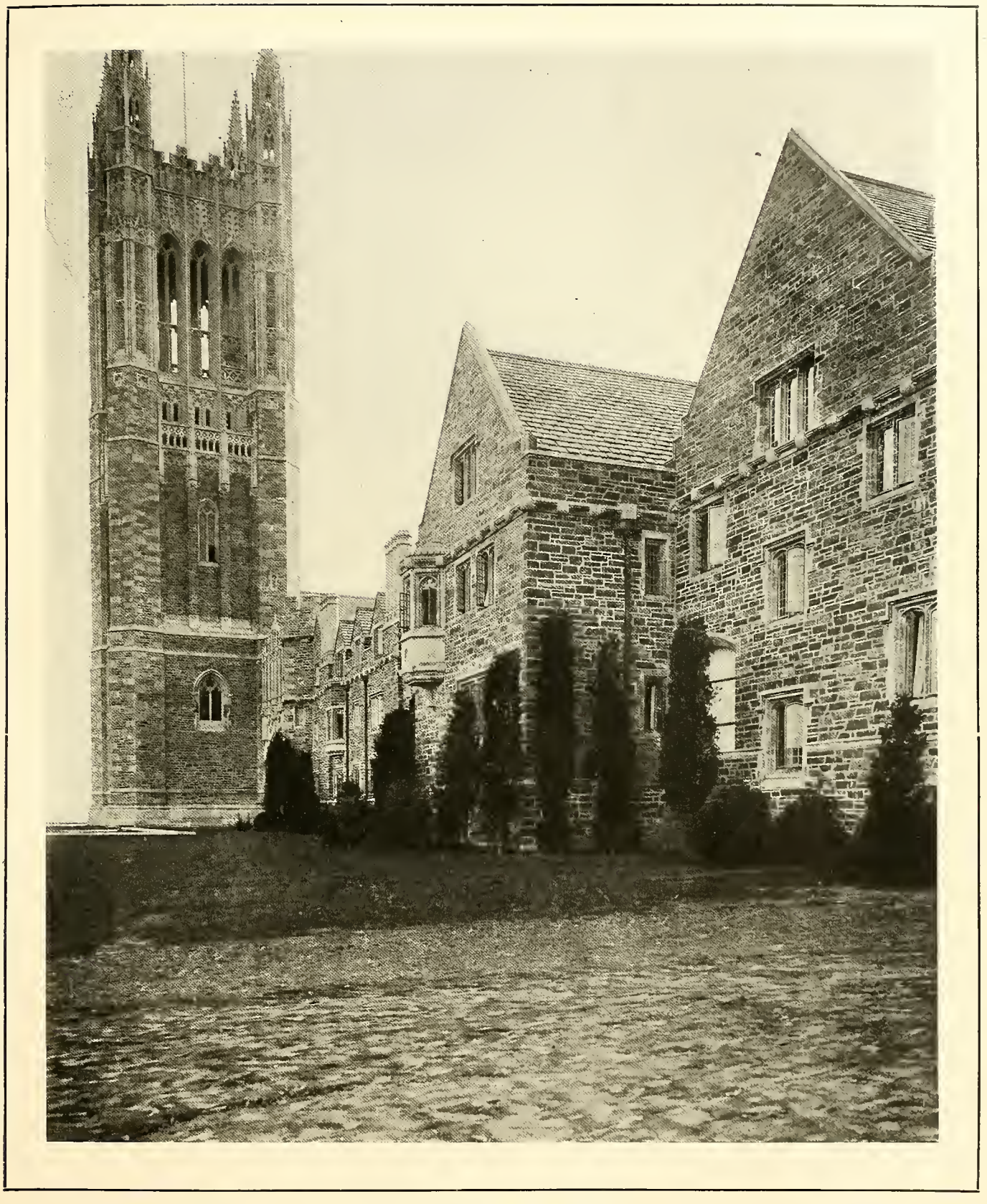
MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*



VIEW FROM NORTHWEST

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*



LOOKING ALONG EAST ELEVATION

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

THE MAIN GATEWAY

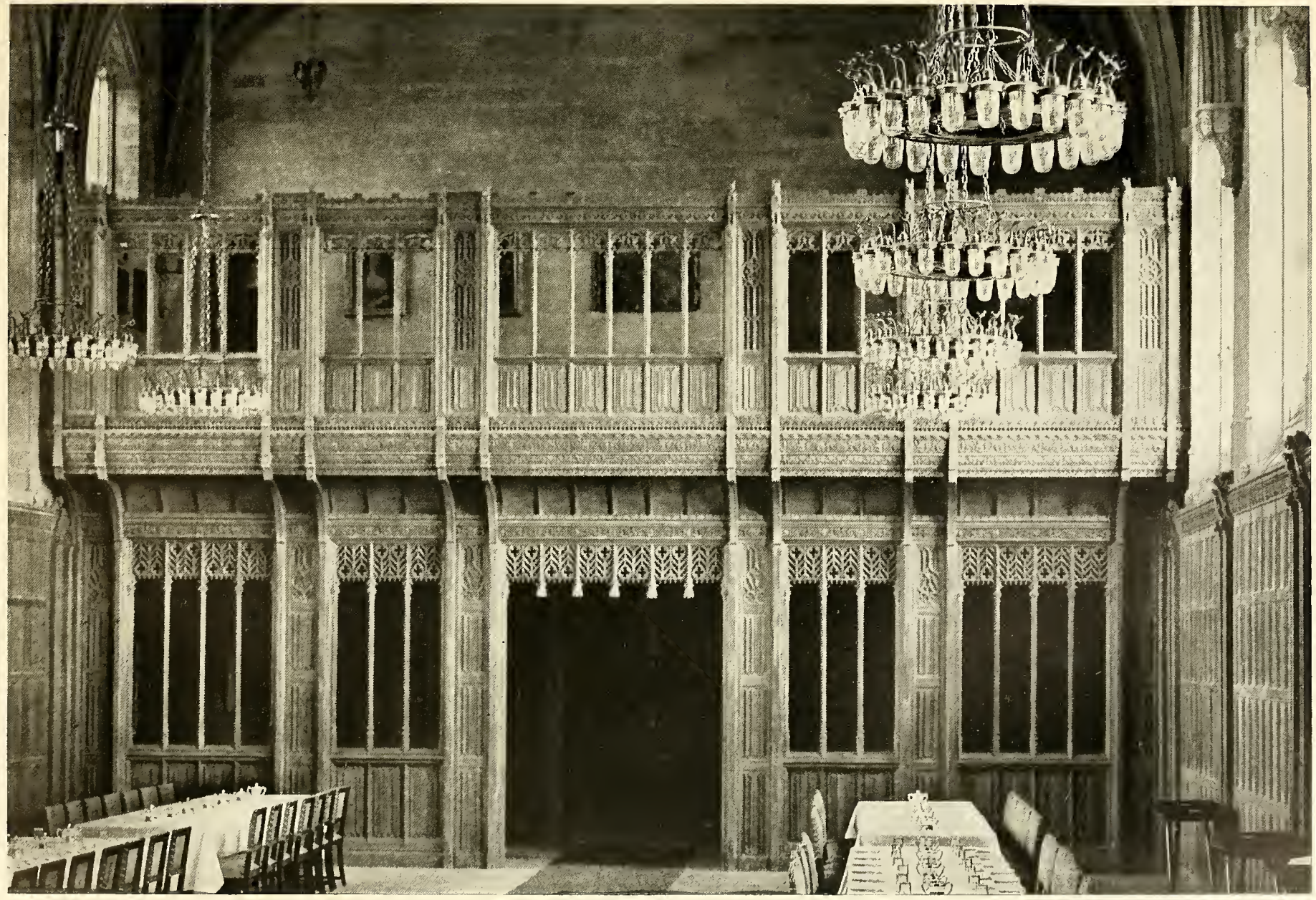
GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

THE GREAT HALL LOOKING WEST

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*



SCREEN, EAST END OF GREAT HALL

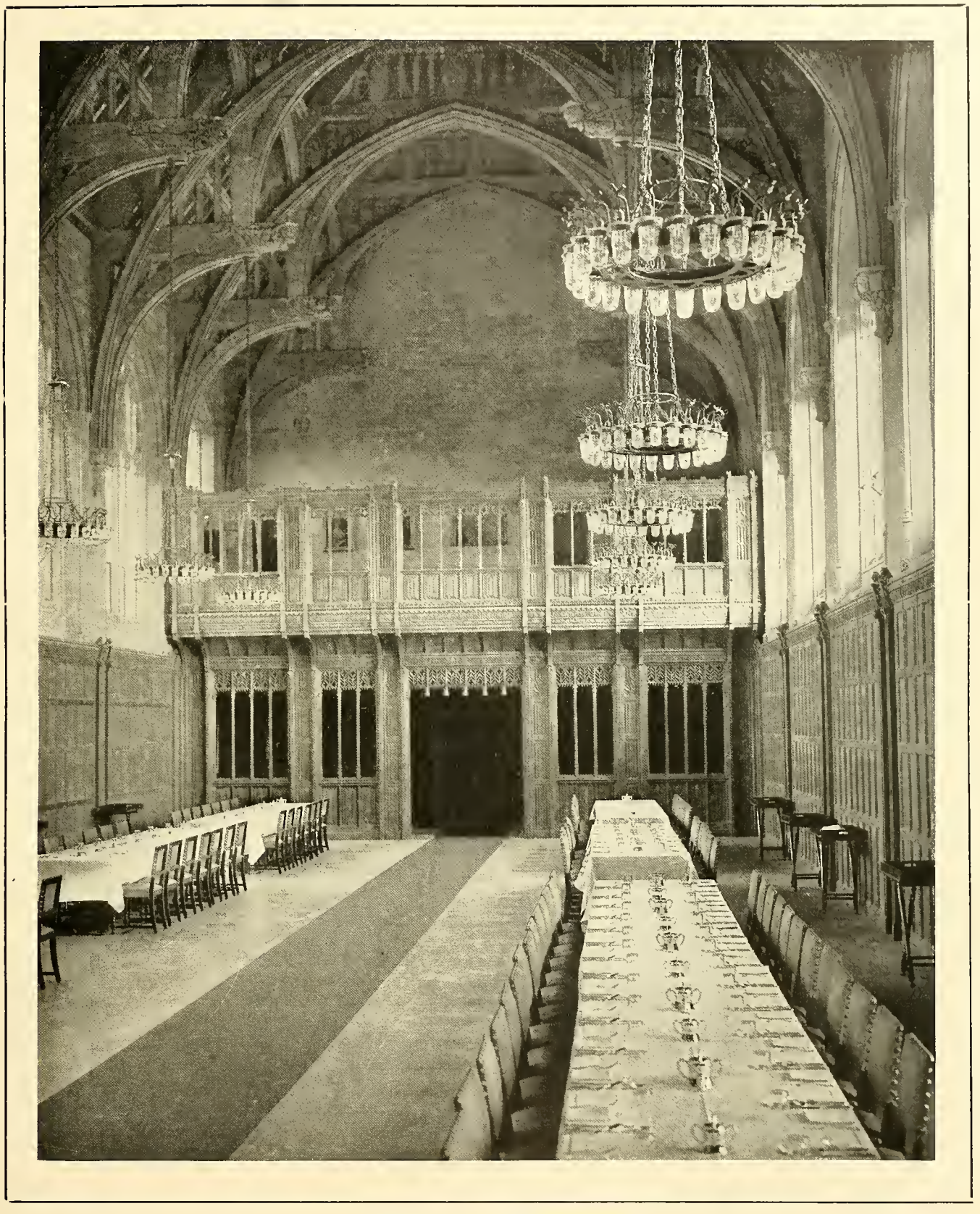
GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

COMMONS ROOM

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

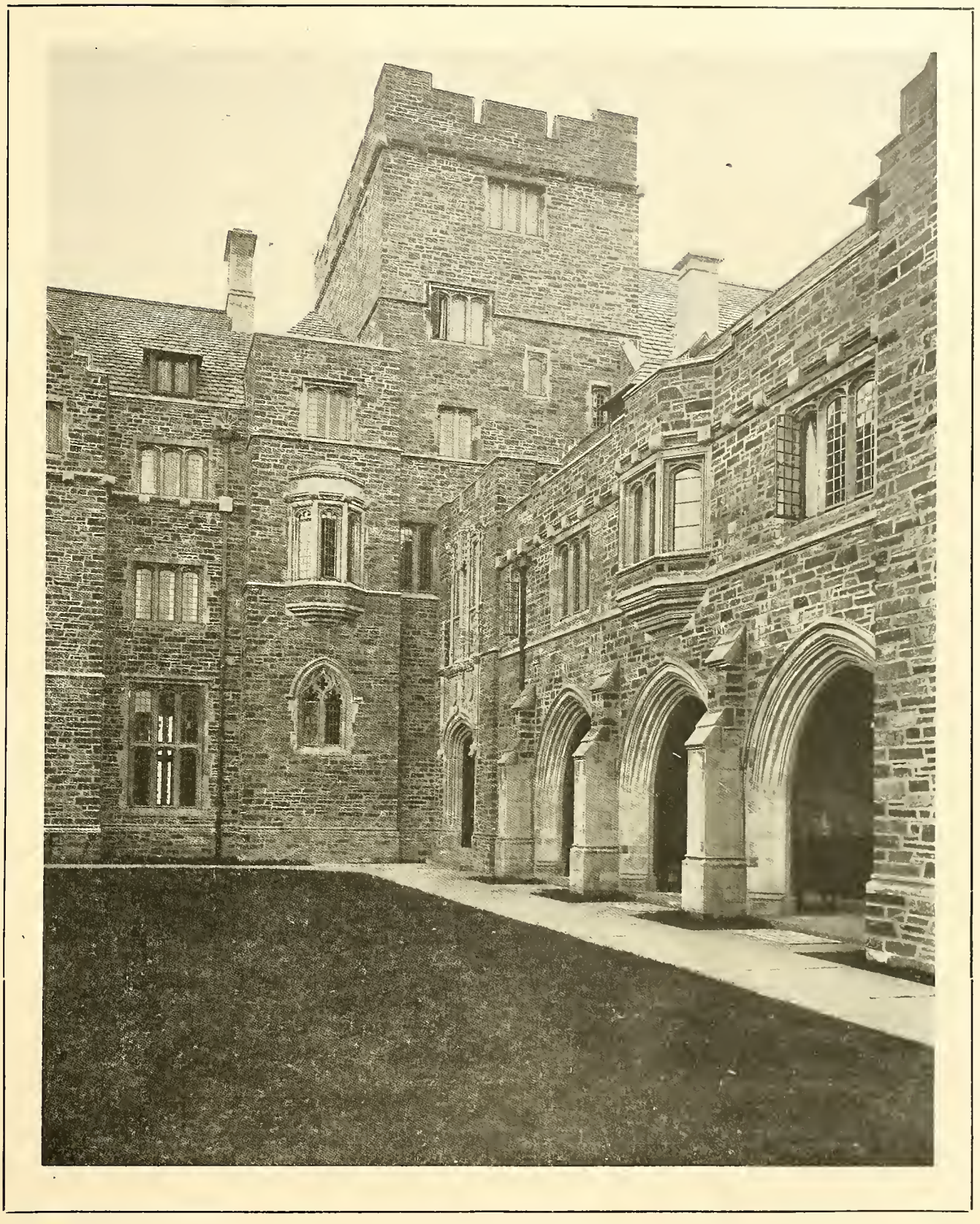
MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*



THE GREAT HALL, LOOKING EAST

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*



QUADRANGLE, LOOKING SOUTHWEST

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

LOOKING ALONG SOUTH ELEVATION

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

LOOKING ALONG SOUTH ELEVATION

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

MESSRS. CRAM, GOODHUE & FERGUSON (BOSTON OFFICE), *ARCHITECTS*

LOOKING ALONG SOUTH ELEVATION

GRADUATE COLLEGE AND CLEVELAND MEMORIAL TOWER, PRINCETON UNIVERSITY

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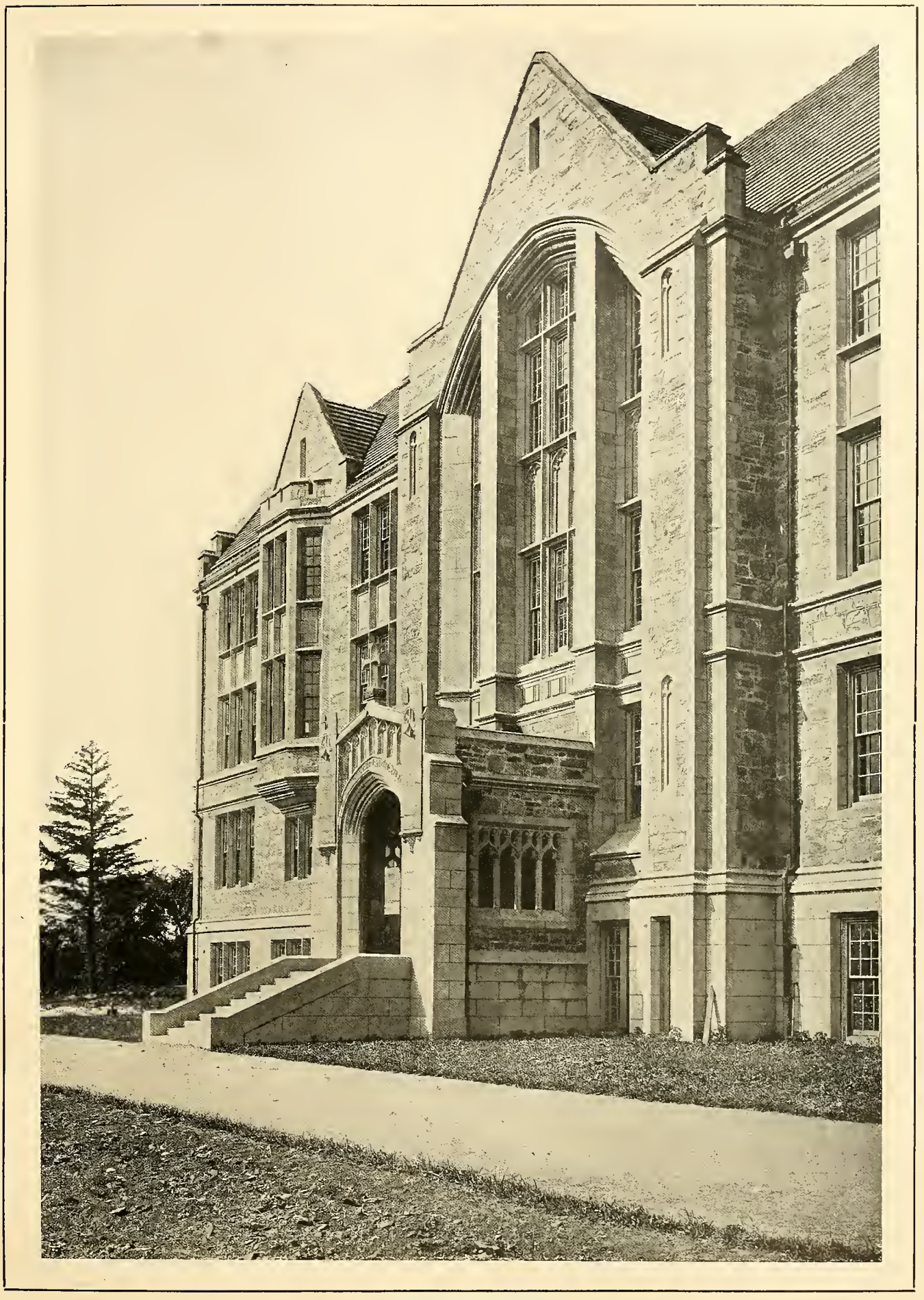
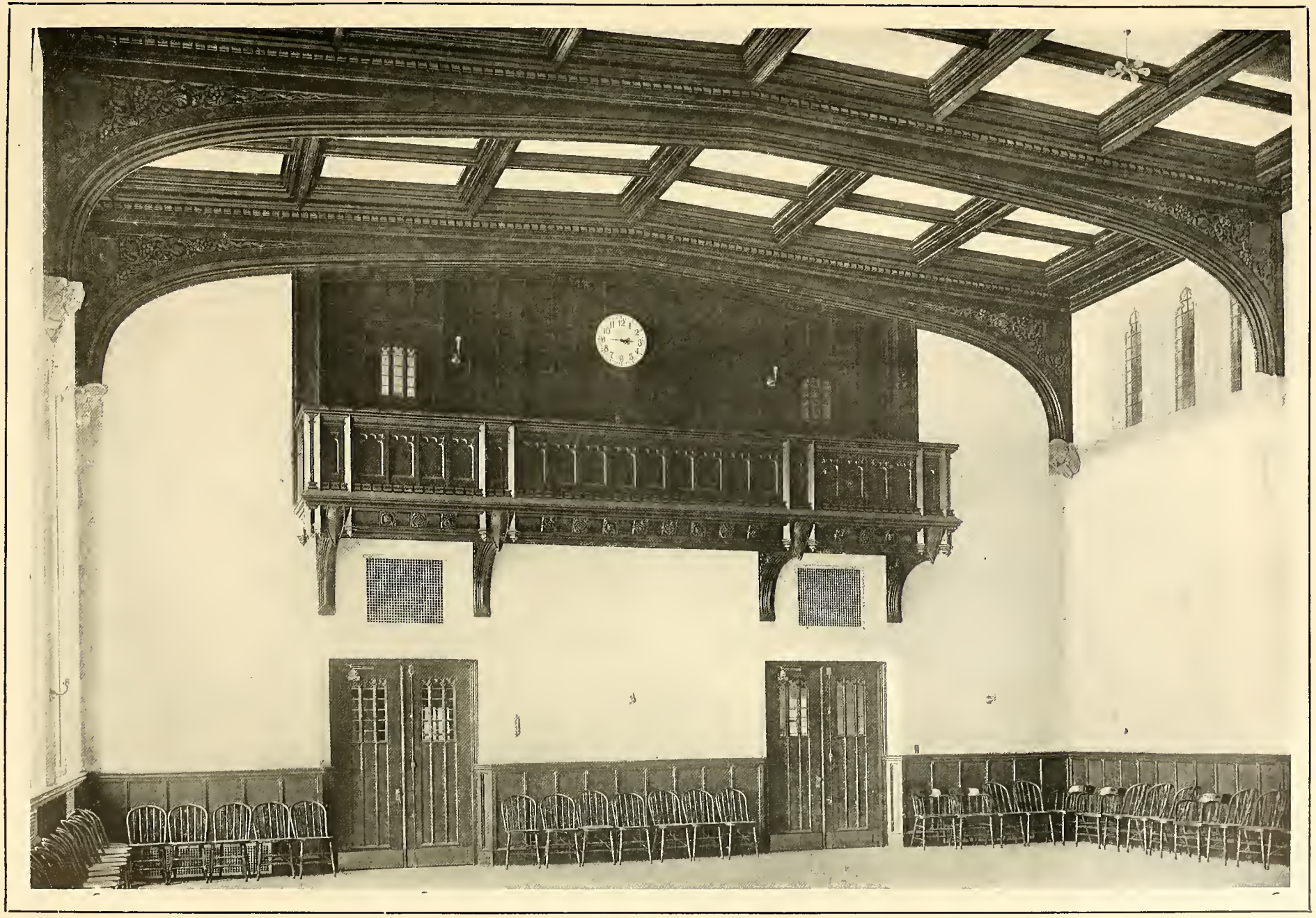


DETAIL—EAST ELEVATION

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

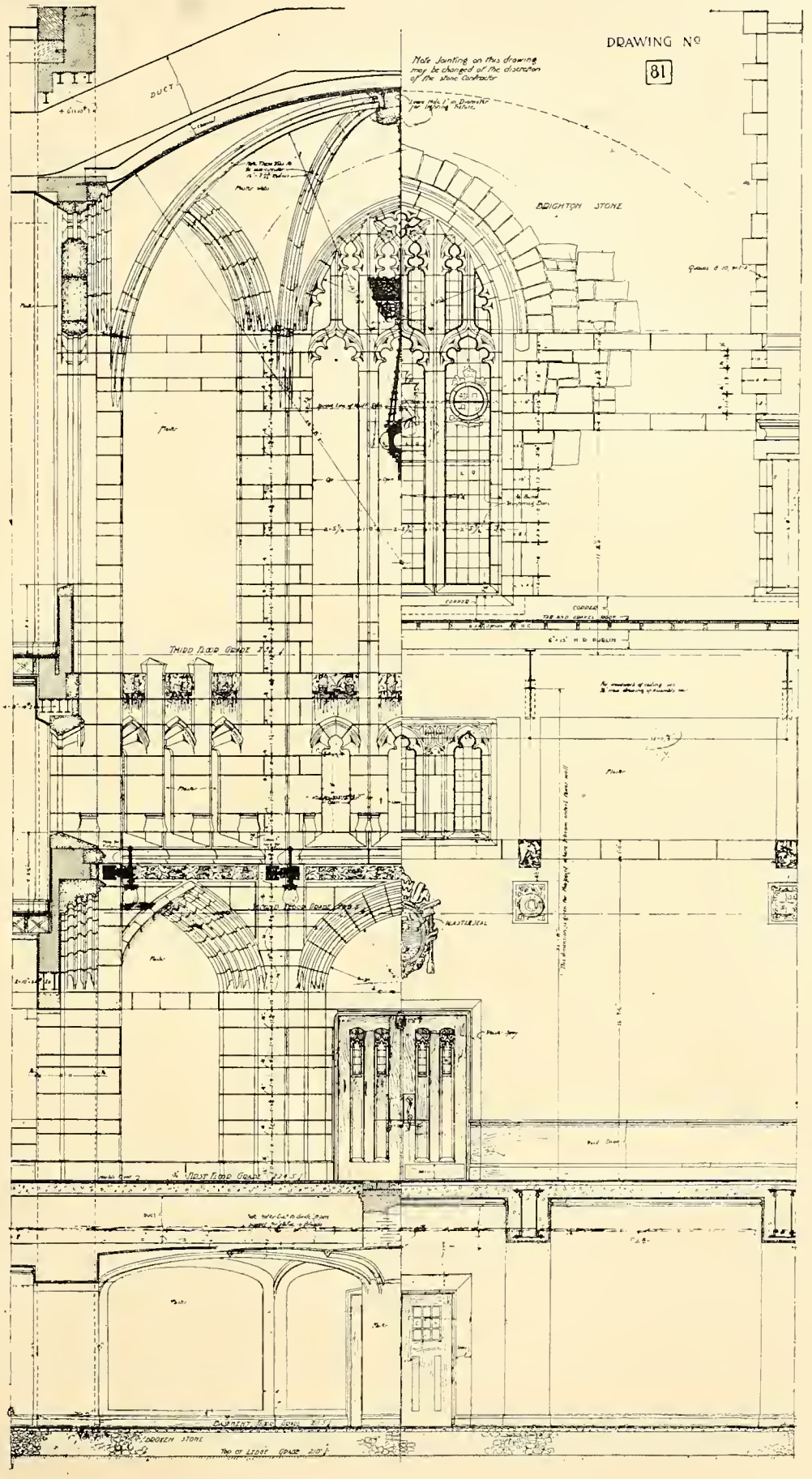
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



ASSEMBLY HALL

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

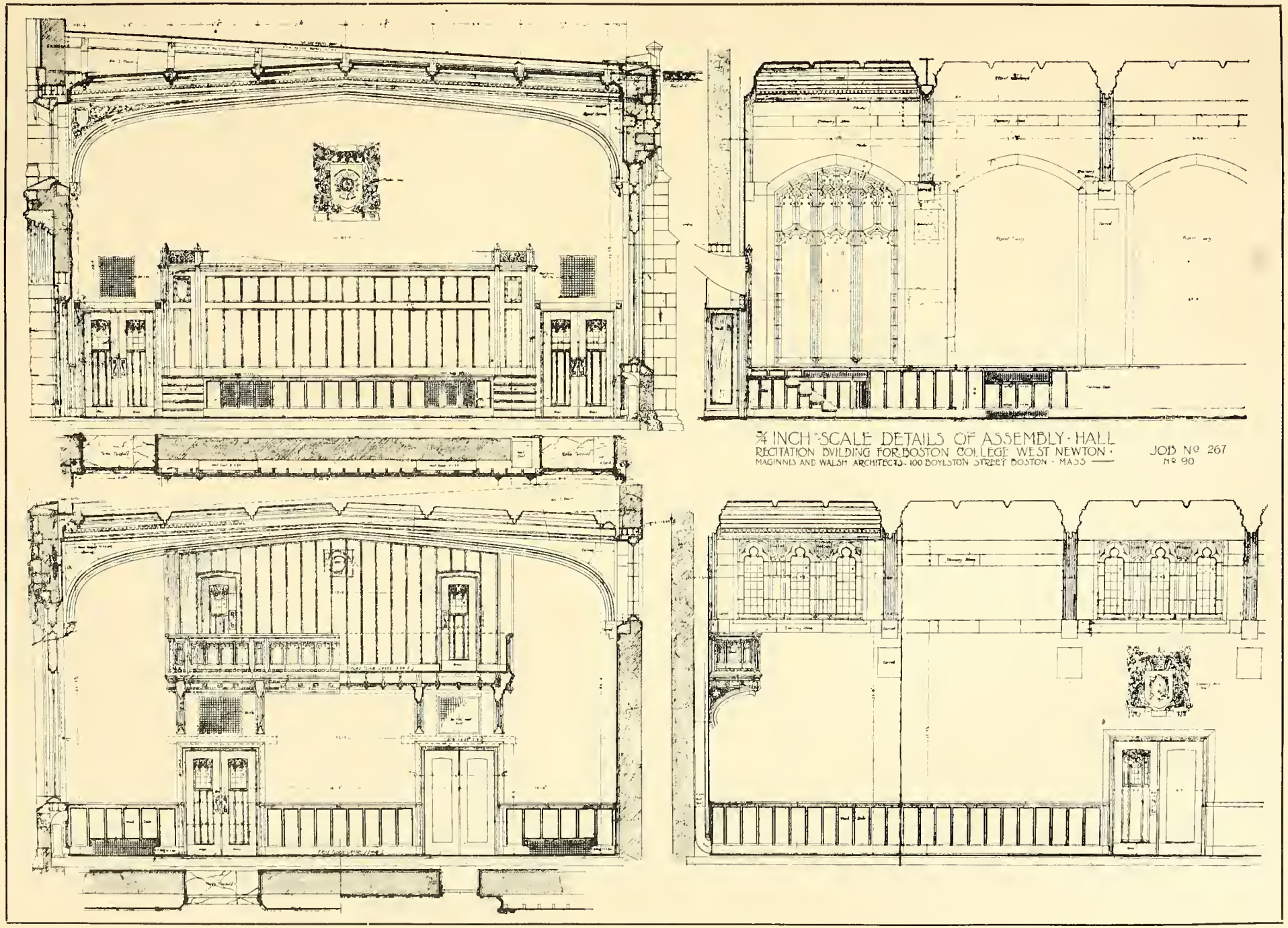
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



DETAIL OF ROTUNDA

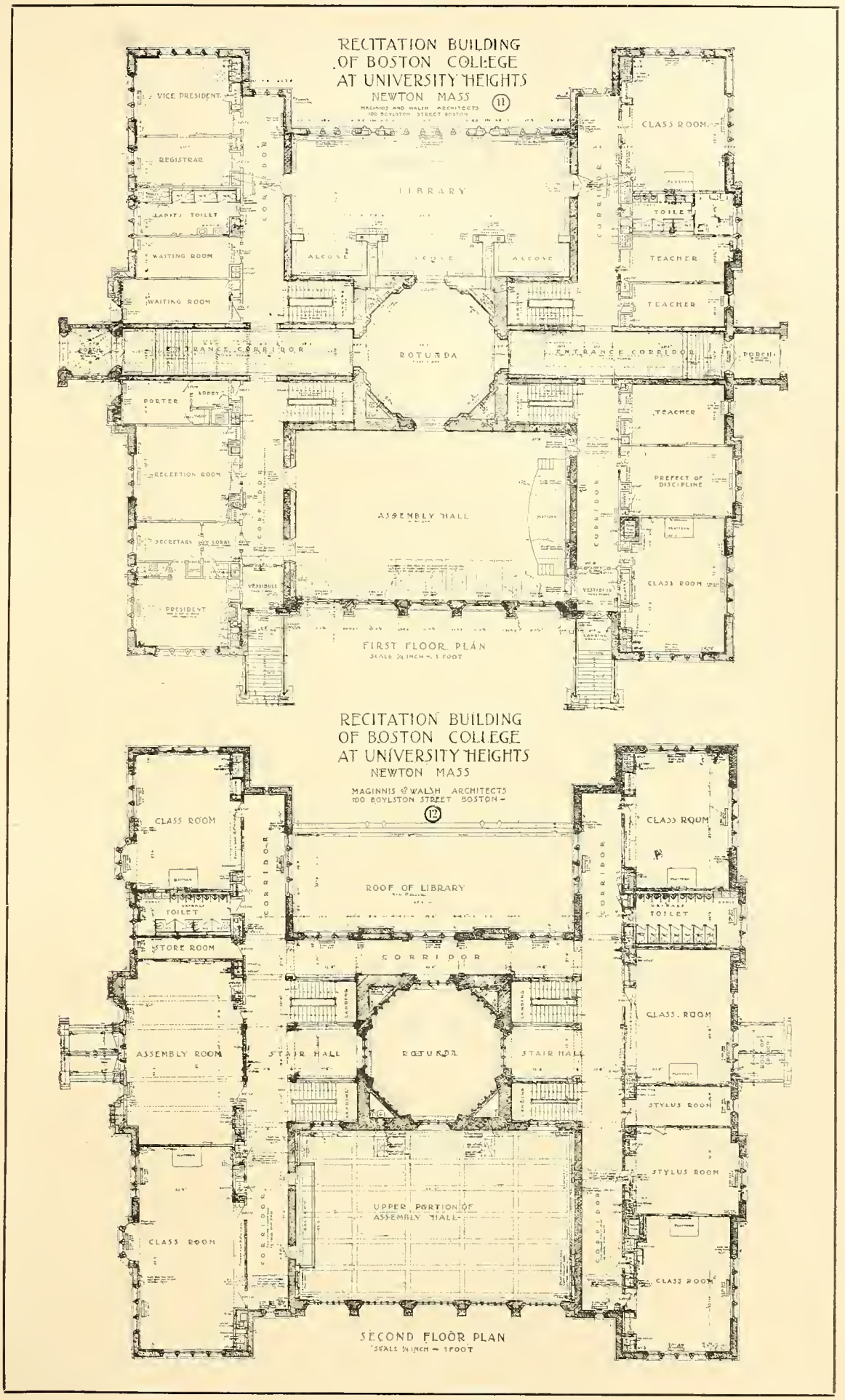
RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



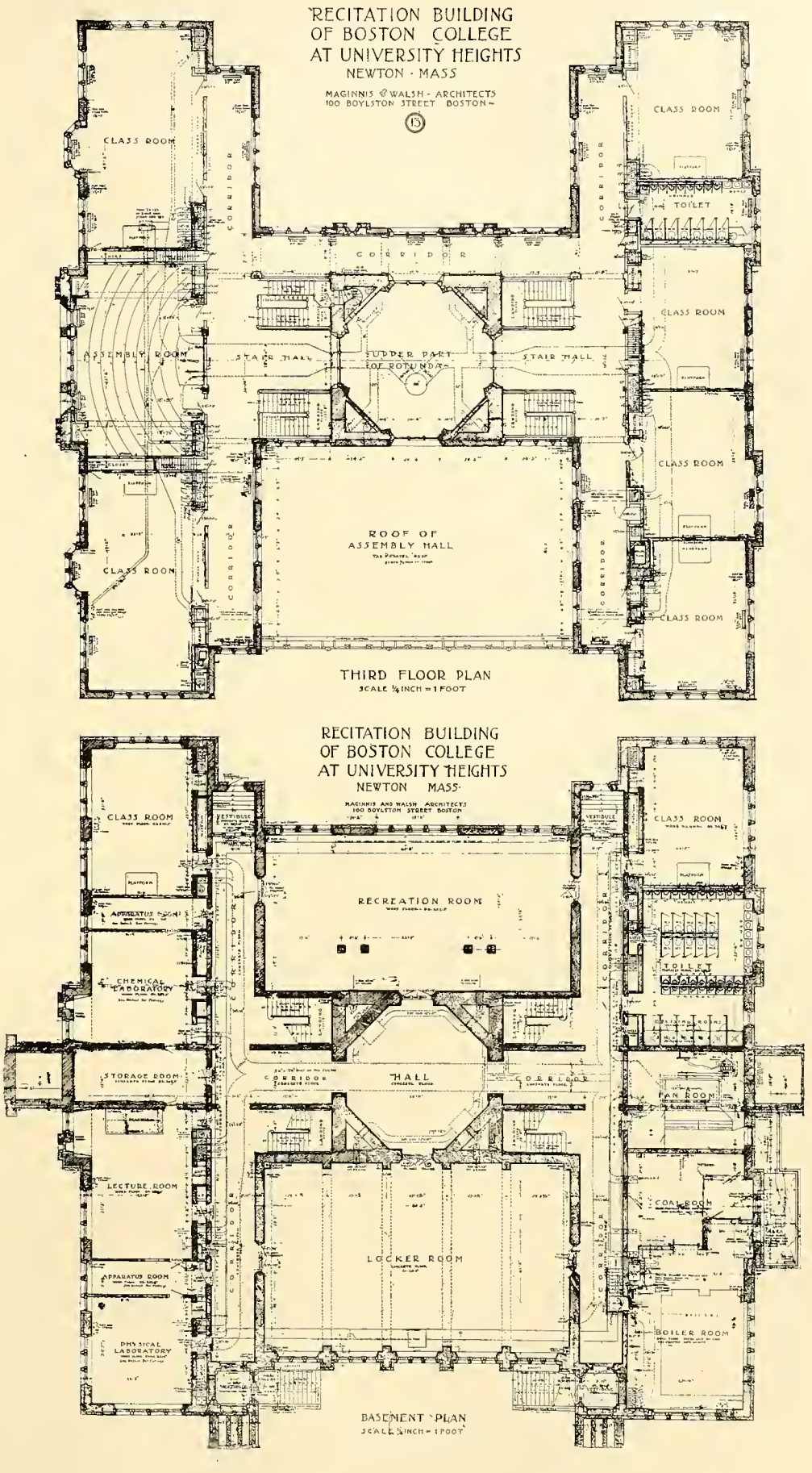
DETAILS OF ASSEMBLY HALL

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.



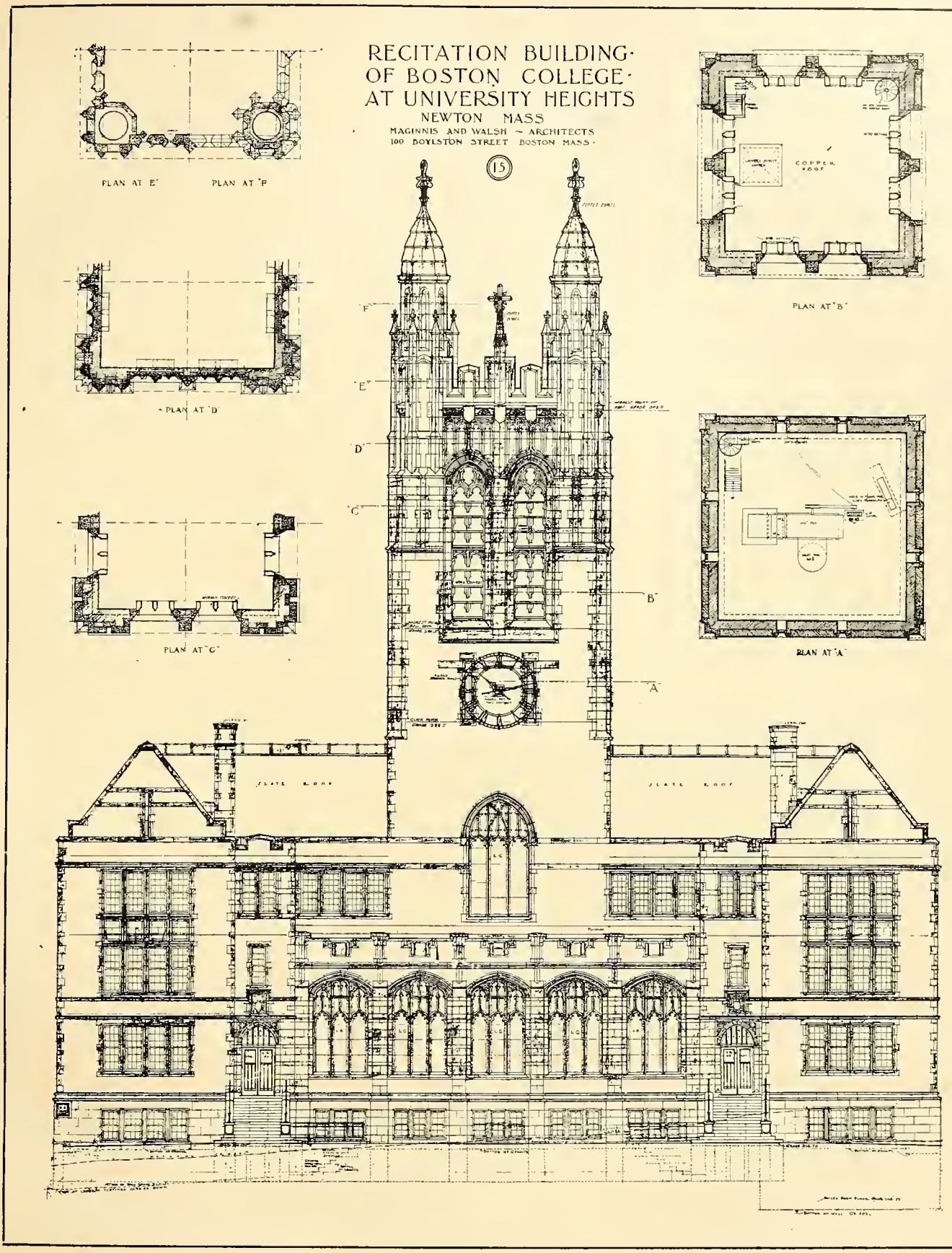
RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

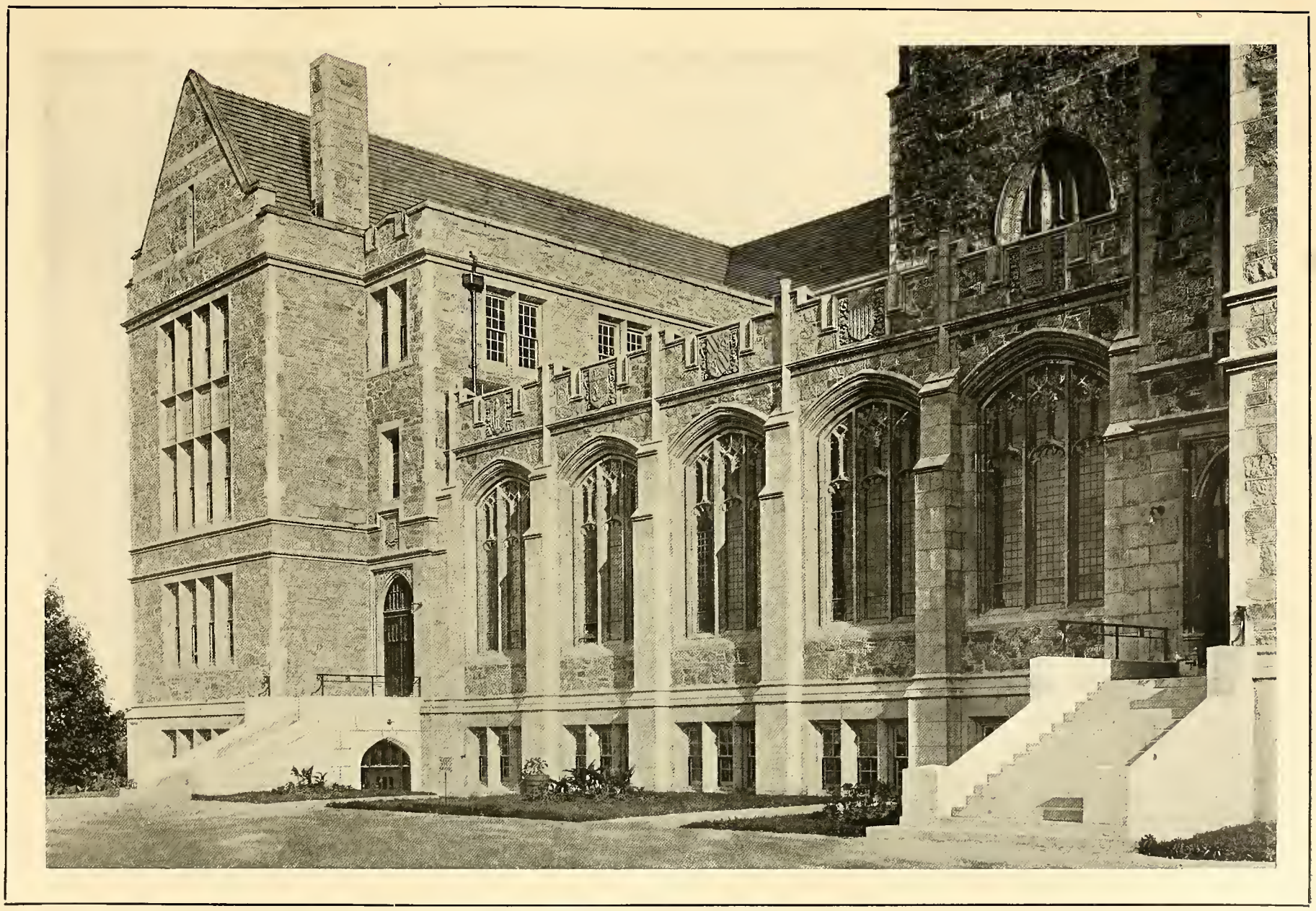
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



NORTH ELEVATION

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

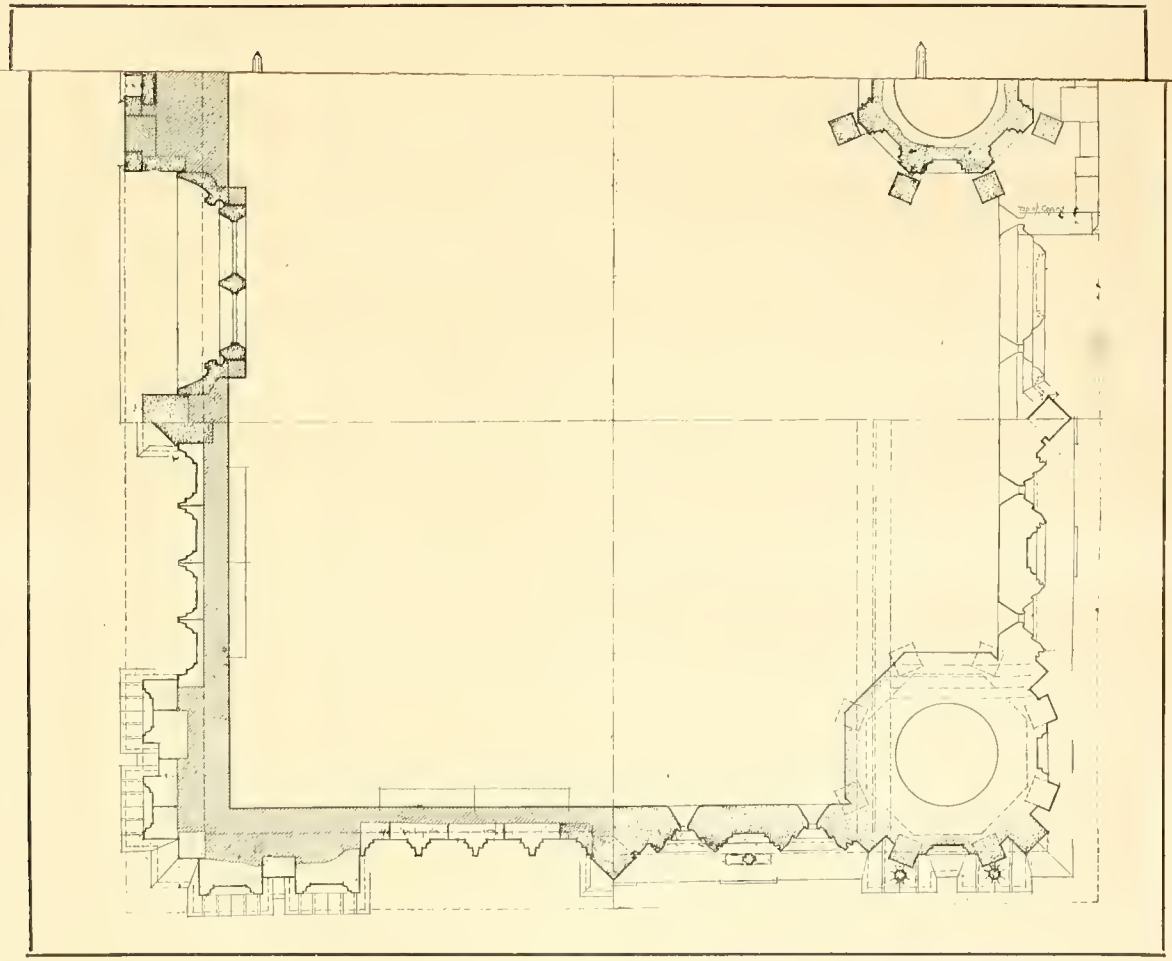
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



DETAIL—NORTH ELEVATION

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

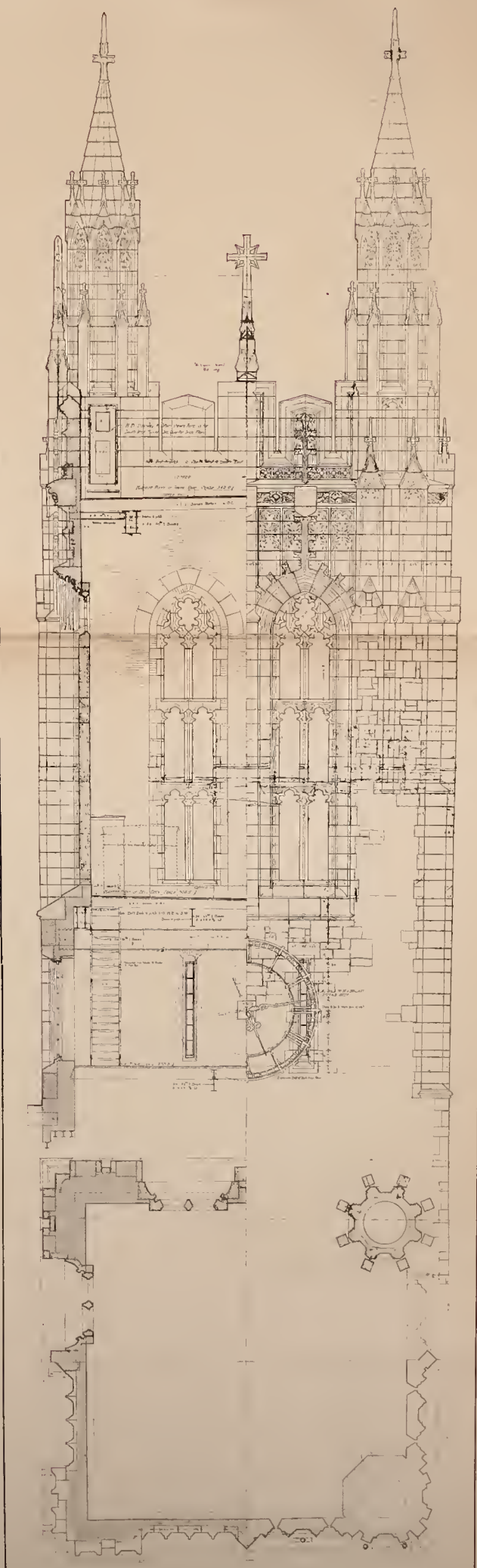
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



DETAIL OF TOWER

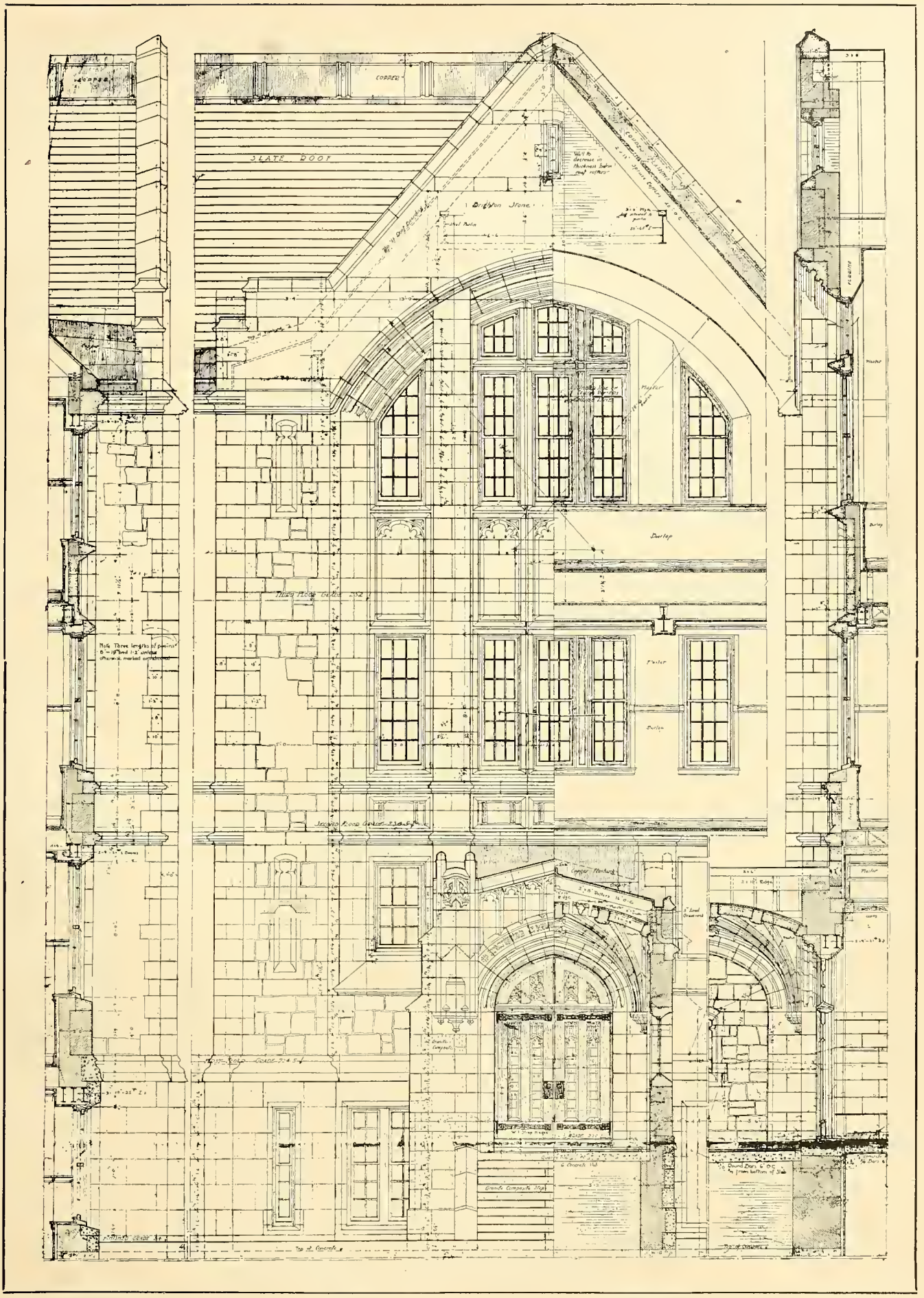
RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*



DETAIL OF TOWER

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.
MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*

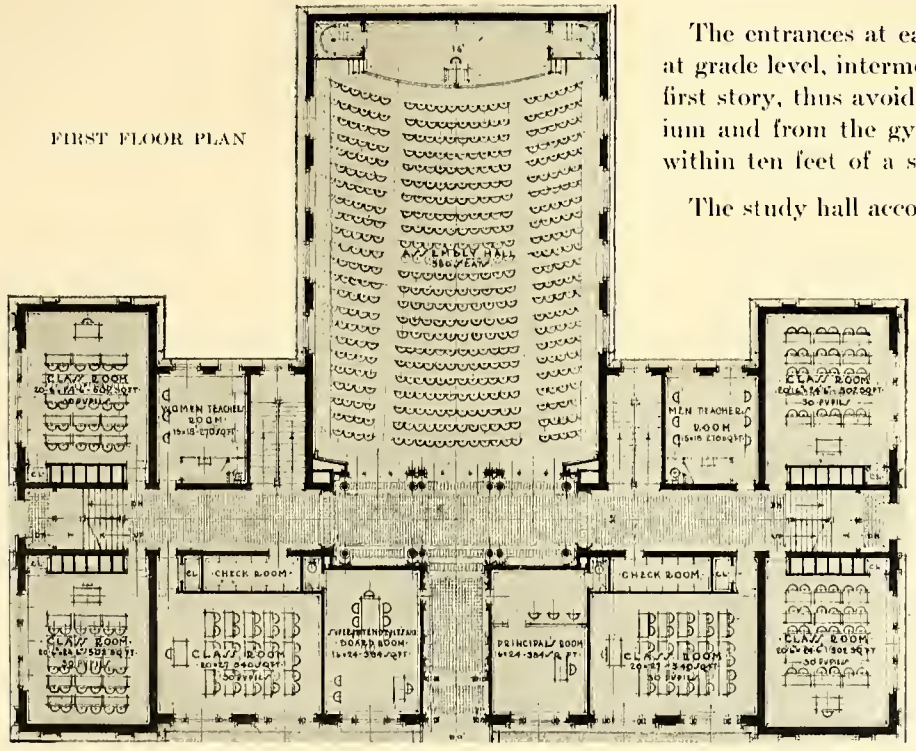


DETAIL OF CENTRAL GABLE AND PORCH ON EAST ELEVATION

RECITATION BUILDING OF BOSTON COLLEGE, NEWTON, MASS.

MESSRS. MAGINNIS AND WALSH, *ARCHITECTS*

FIRST FLOOR PLAN



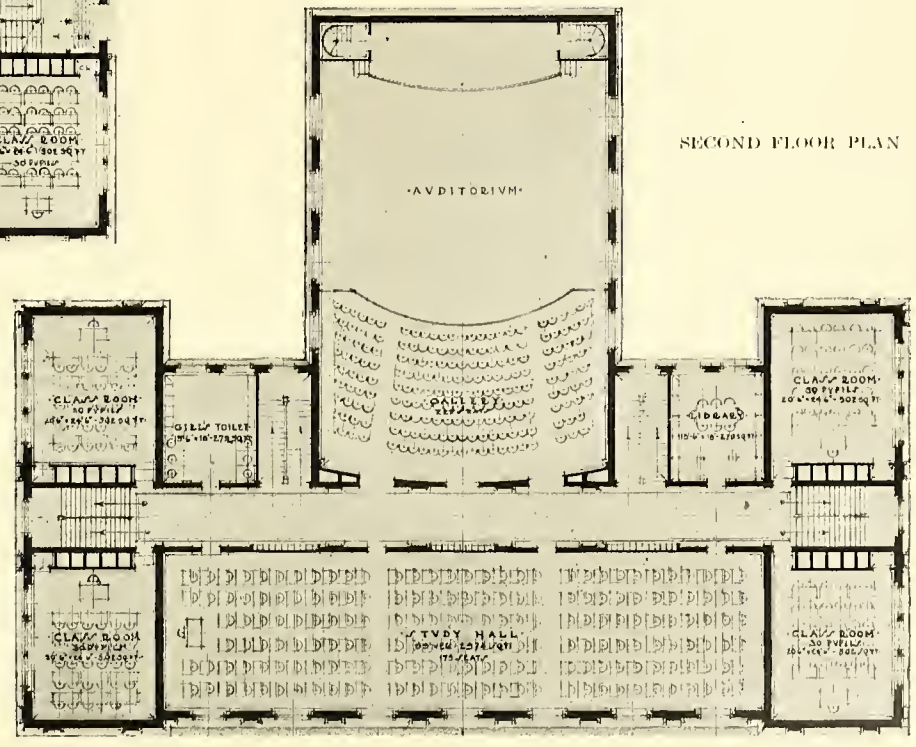
The entrances at each end of the building, for boys and girls respectively, are located at grade level, intermediate between locker rooms in the basement and class rooms in the first story, thus avoiding exterior steps. Emergency exits are provided from the auditorium and from the gymnasium in the basement level. All class room doors are located within ten feet of a stairway.

The study hall accommodates 175 pupils all under supervision from one point.

The assembly hall, with gallery, is intended to seat about 800.

The construction is fireproof throughout. The floors are of reinforced concrete slab construction supported by steel beams.

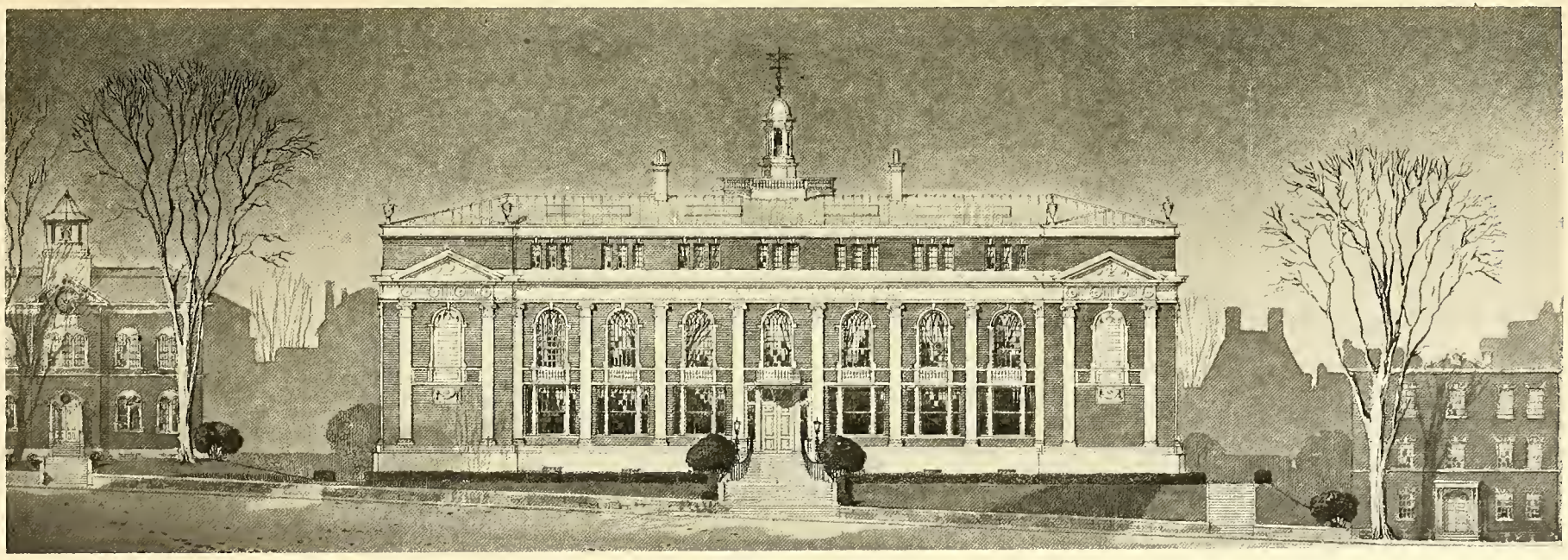
SECOND FLOOR PLAN



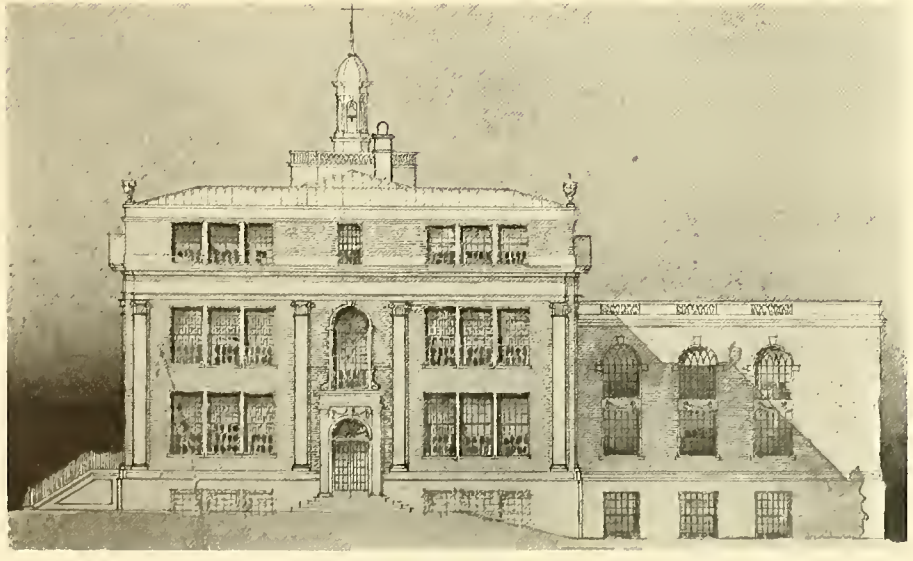
HIGH SCHOOL, PORT CHESTER, N. Y.

WINNING COMPETITIVE DESIGN

MESSRS. HEWITT & BOTTOMLEY, *ARCHITECTS*



FRONT ELEVATION



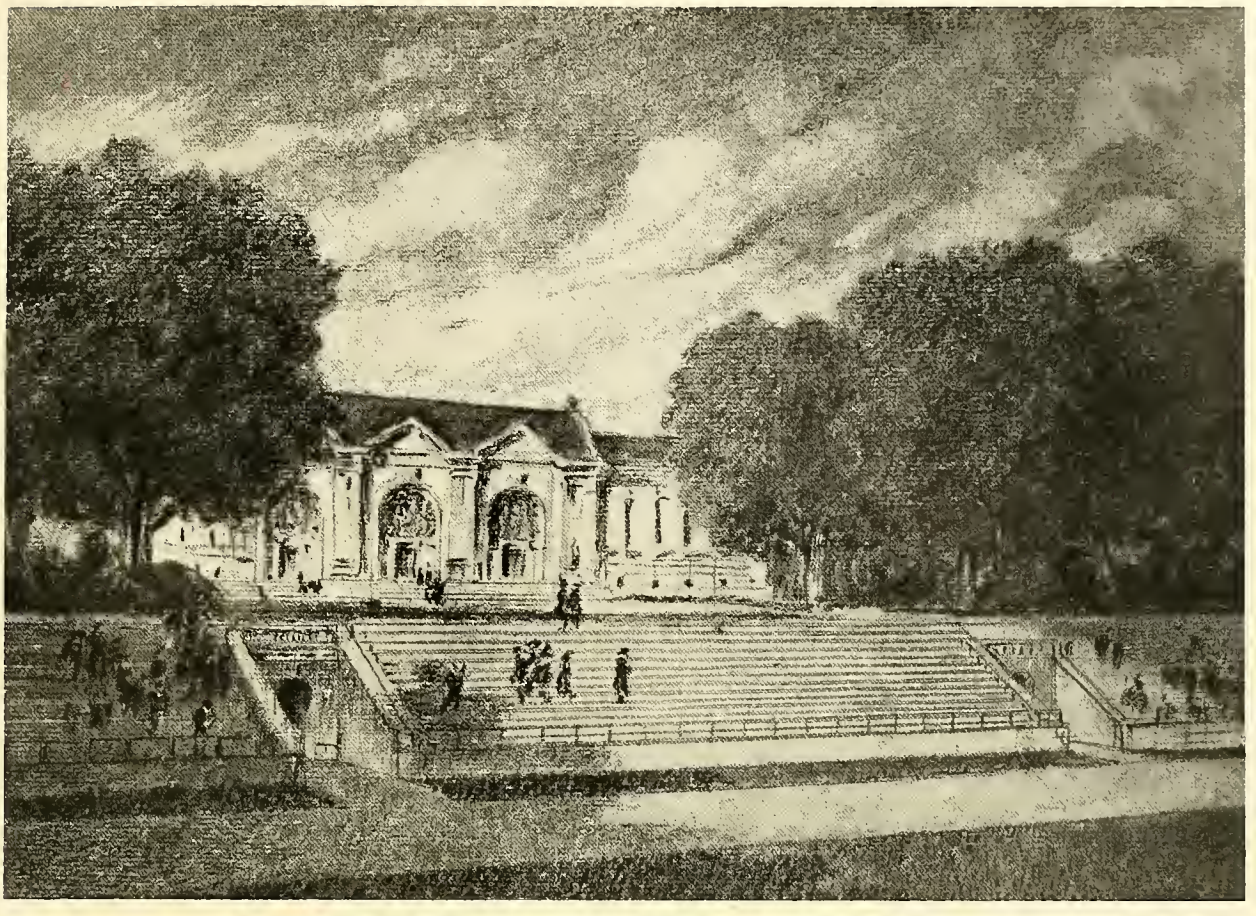
EAST ELEVATION

HIGH SCHOOL, PORT CHESTER, N. Y.

WINNING COMPETITIVE DESIGN

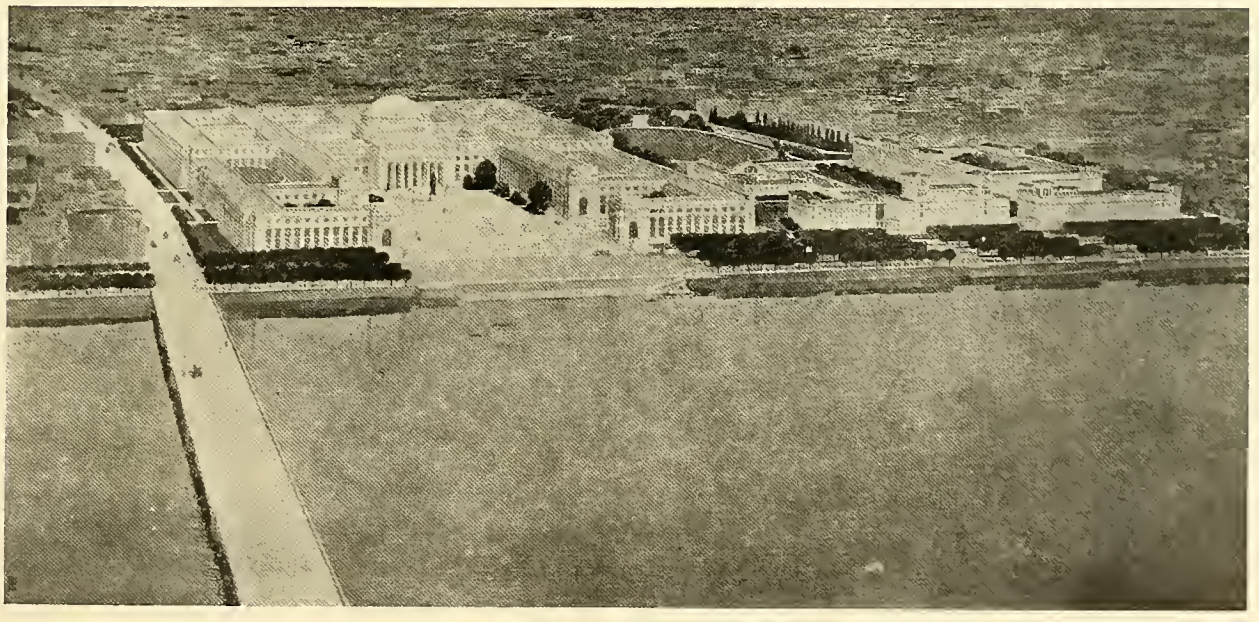
MESSRS. HEWITT & BOTTOMLEY, *ARCHITECTS*

The desire of the architects to achieve a symmetrical façade, in keeping with the Georgian style imposed by neighboring buildings, was logical even on a sloping street front. It happened that on the side of the lot toward the lower street level there was a solid rock formation, which would have added greatly to expense in excavation had the floor levels been dropped on that side and the terrace been removed. All class rooms and the study hall are lighted from windows at ceiling height, with the light falling over left shoulders of the pupils. The average proportion of window opening to the floor area is thirty-four per cent., and to the opposite wall of the room, fifty-three per cent.



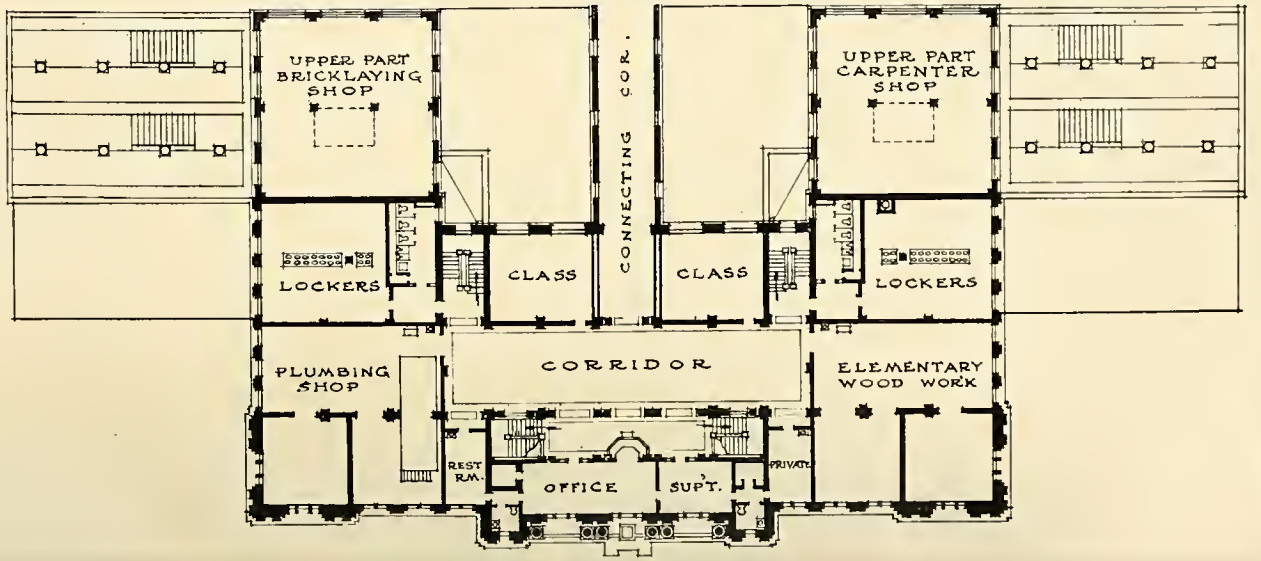
FIELD HOUSE, BEAVER PARK, ALBANY, N. Y.

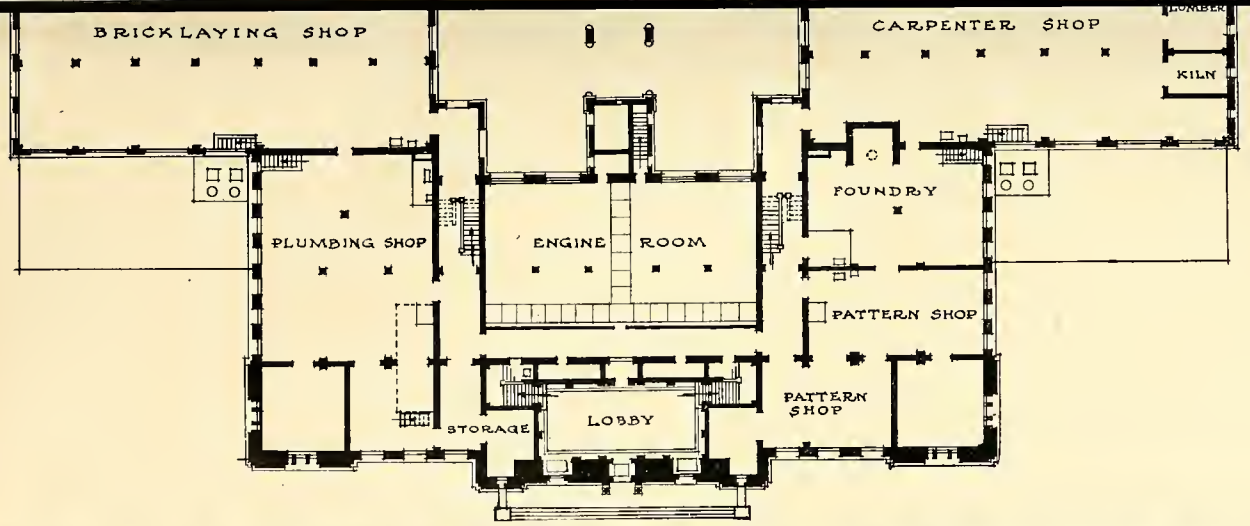
MR. ARNOLD W. BRUNNER *ARCHITECT*. MR. CHARLES DOWNING LAY, *LANDSCAPE ARCHITECT*

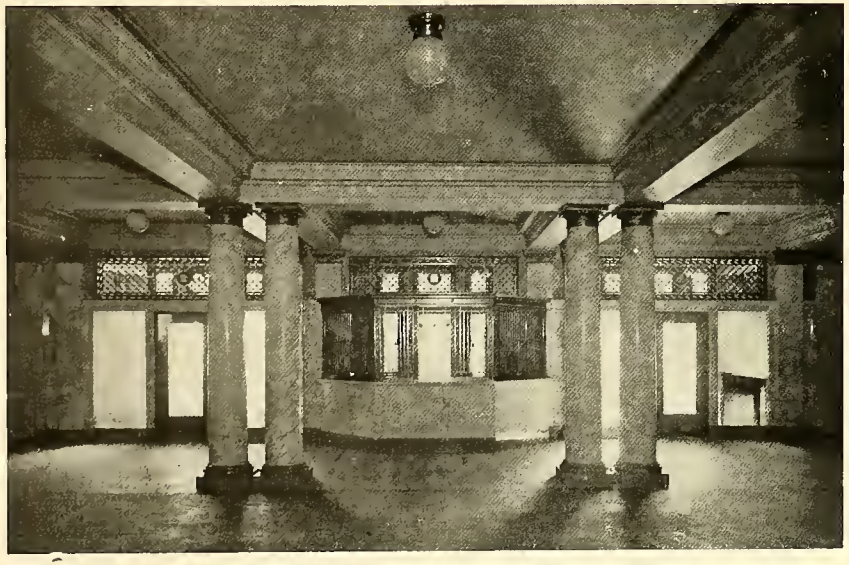


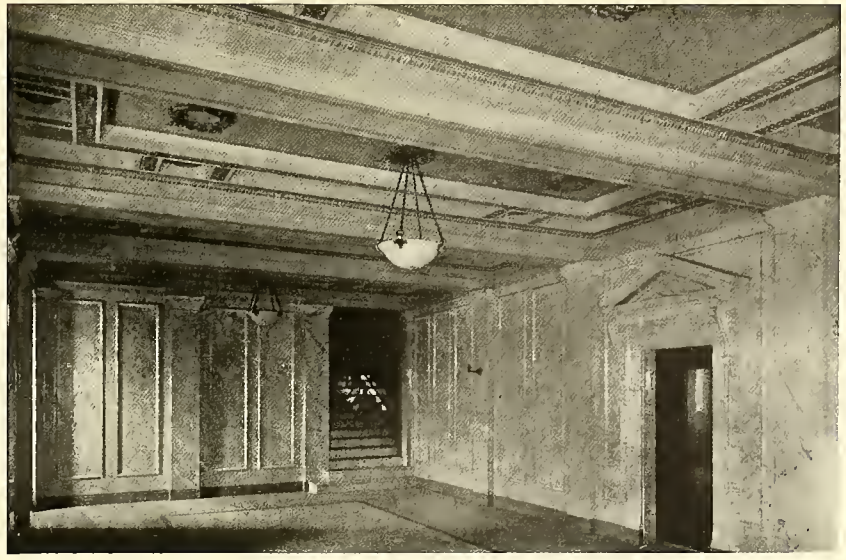
BIRD'S-EYE PERSPECTIVE VIEW, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

MR. WILLIAM WELLES BOSWORTH, *ARCHITECT*


UPPER PART BRICKLAYING SHOP
CONNECTING COR.
UPPER PART CARPENTER SHOP
LOCKERS
CLASS
CLASS
LOCKERS
PLUMBING SHOP
CORRIDOR
ELEMENTARY WOOD WORK
REST RM.
OFFICE
SUPT.
PRIVATE







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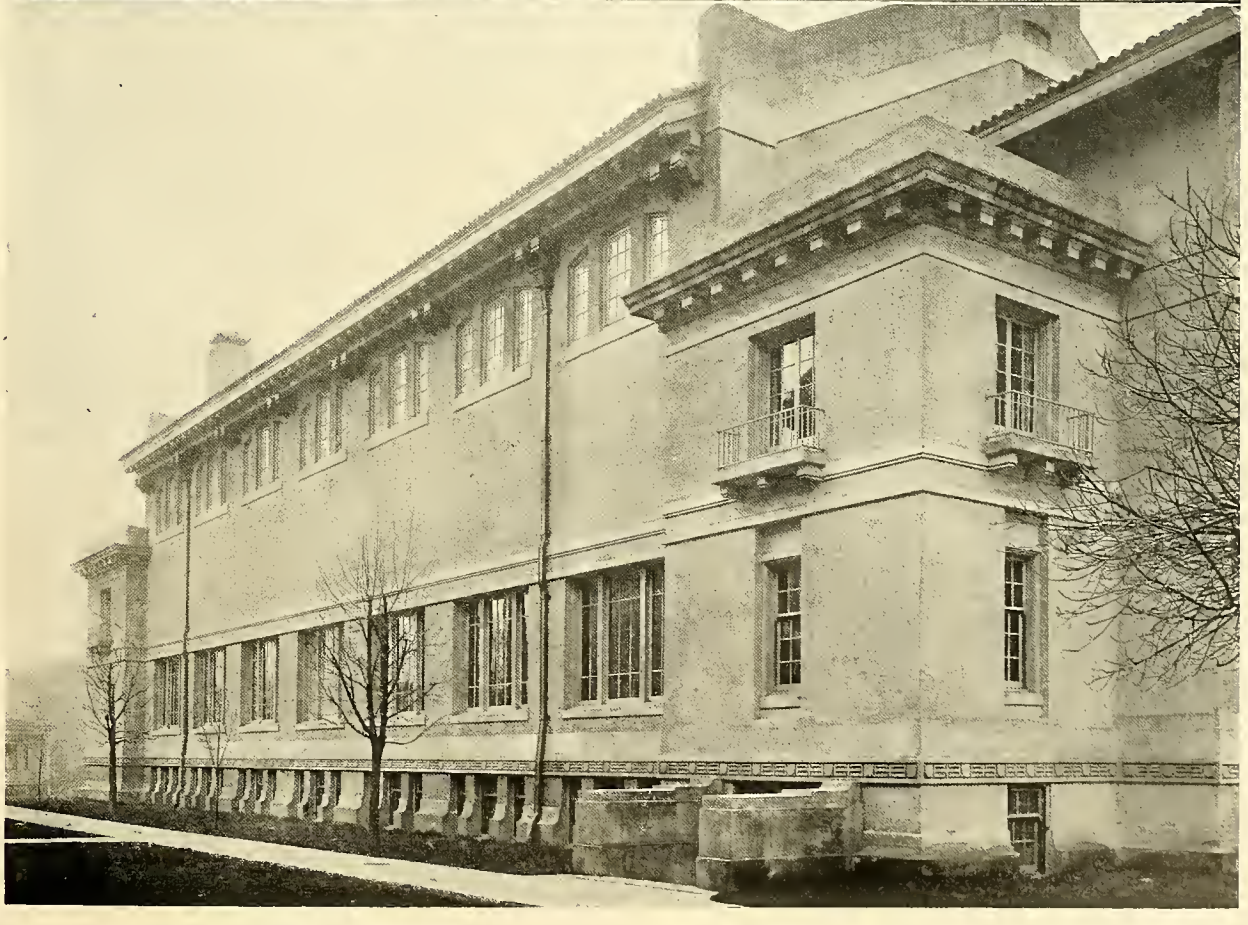

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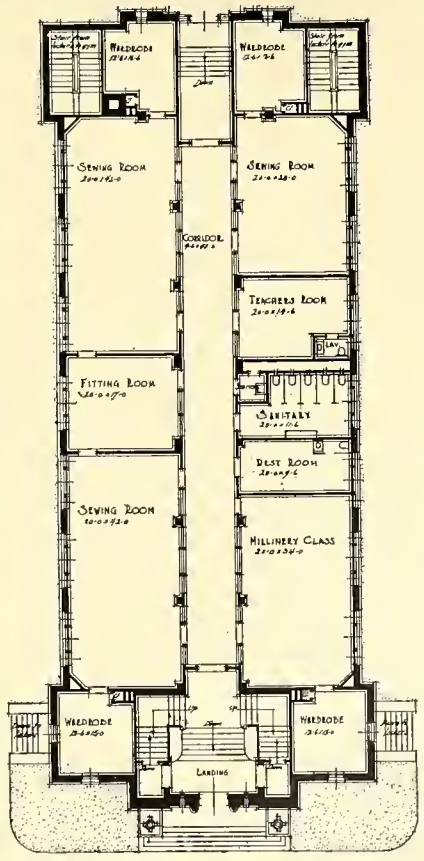

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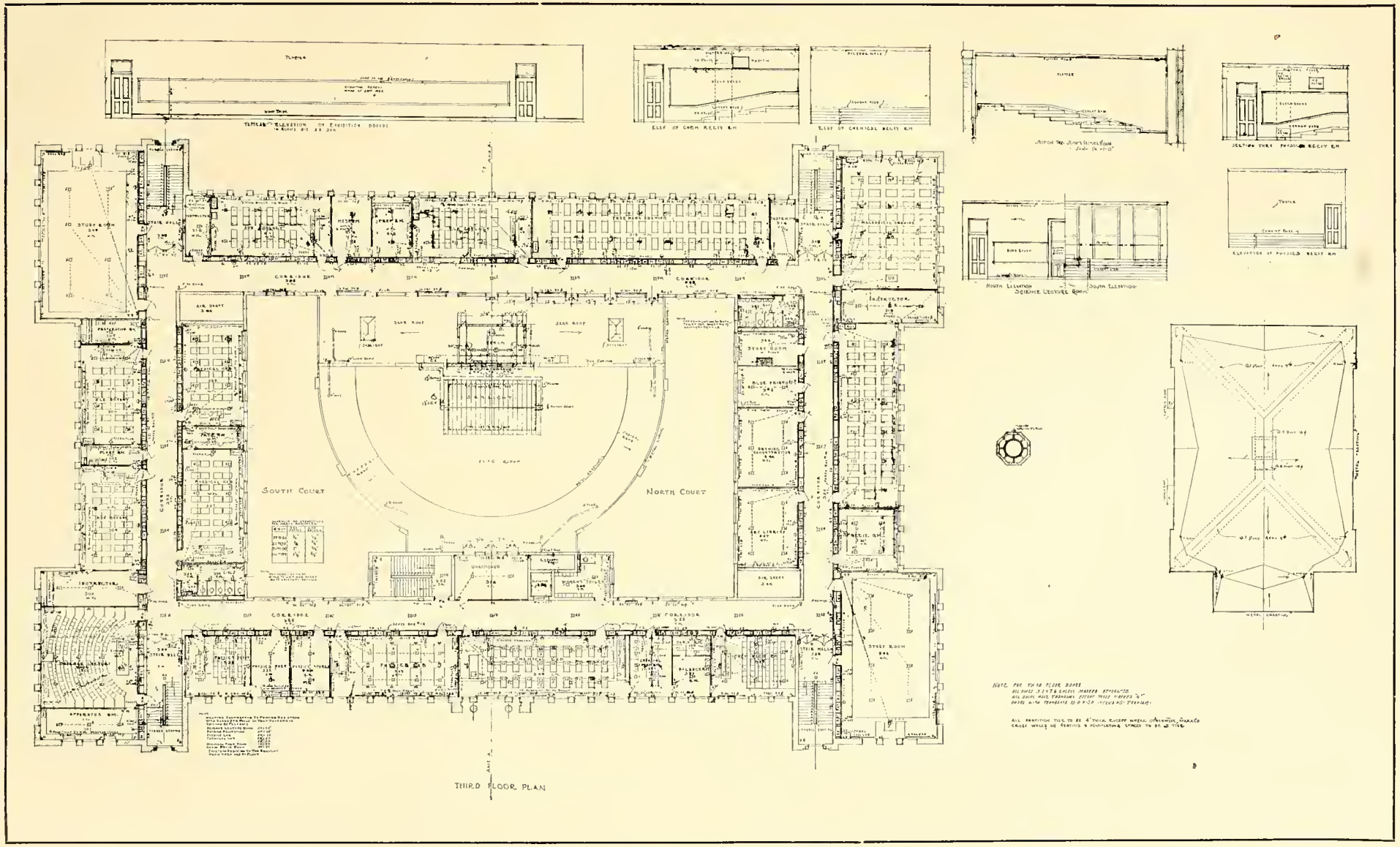

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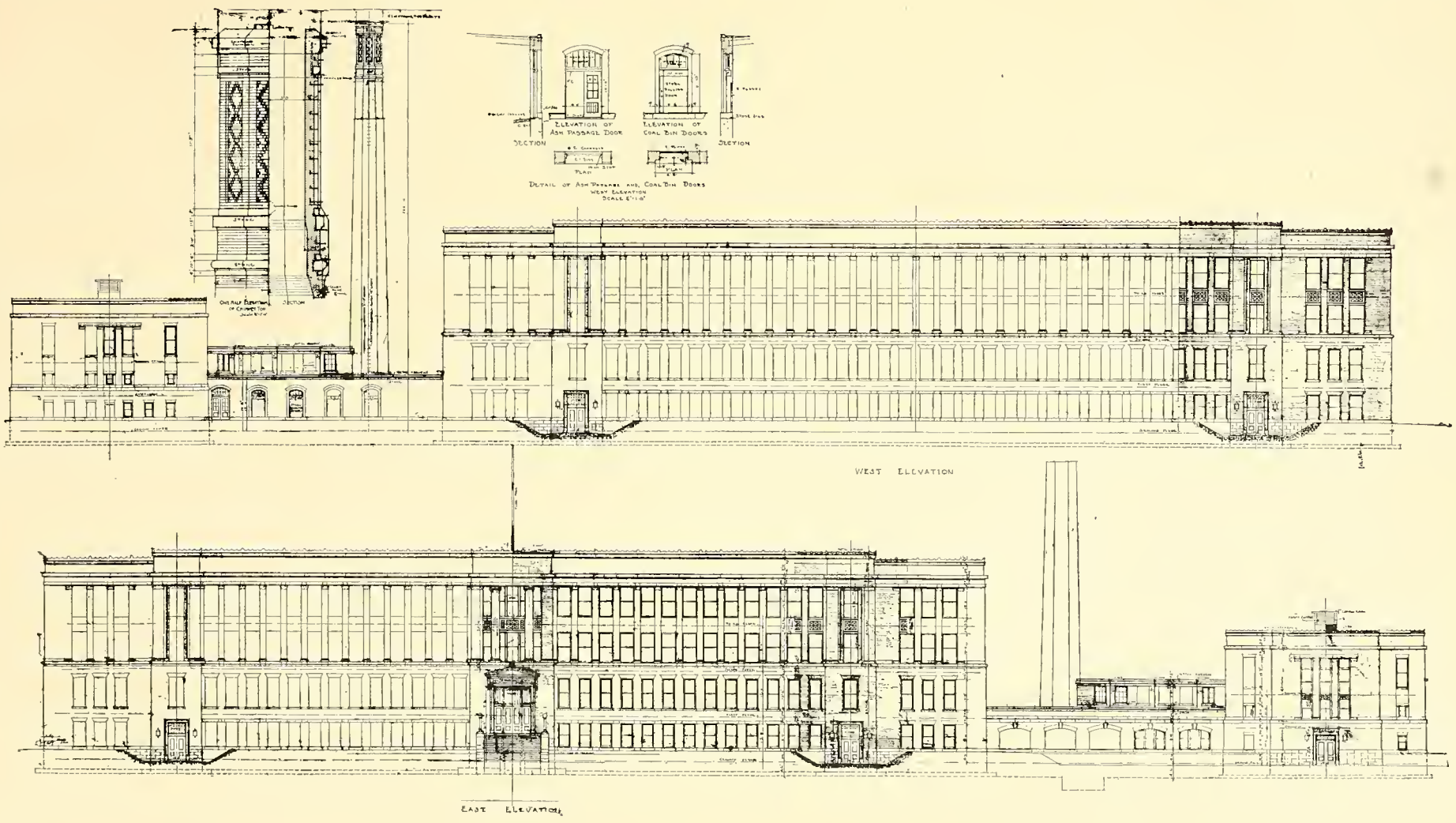

EAST AND WEST ELEVATIONS

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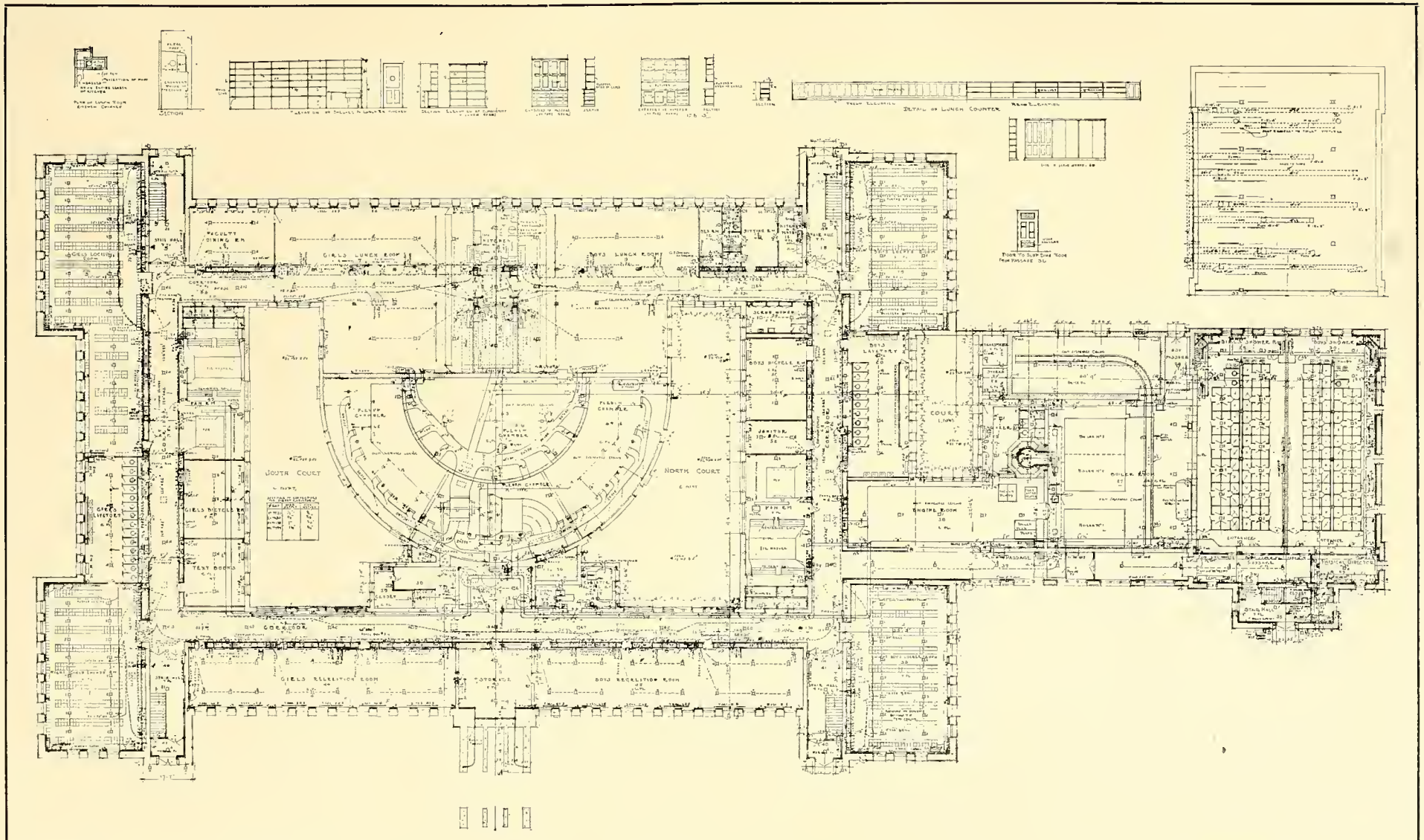

GROUND FLOOR PLAN

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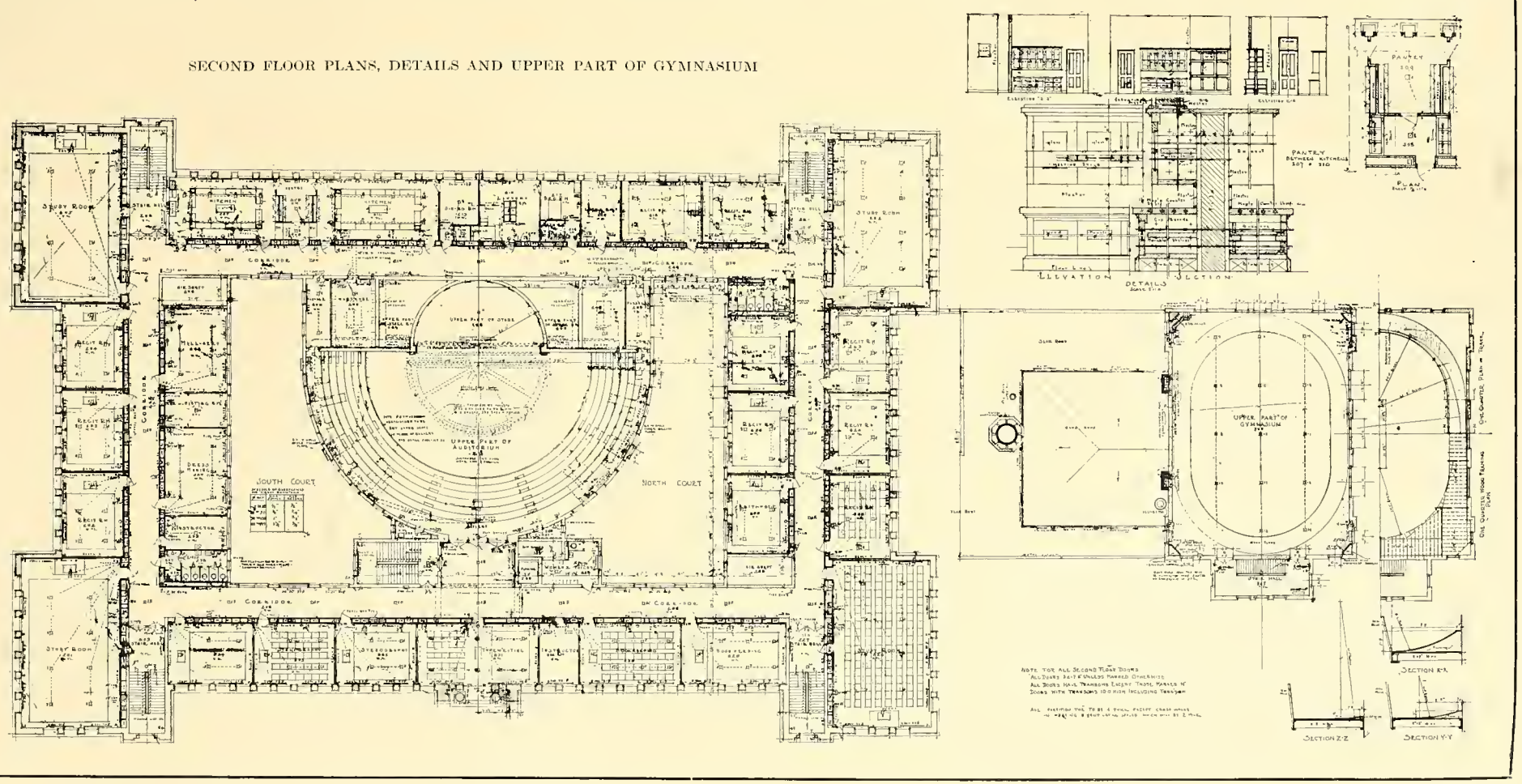
SECOND FLOOR PLANS, DETAILS AND UPPER PART OF GYMNASIUM



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